

# THE AMERICAN School Board Journal

June



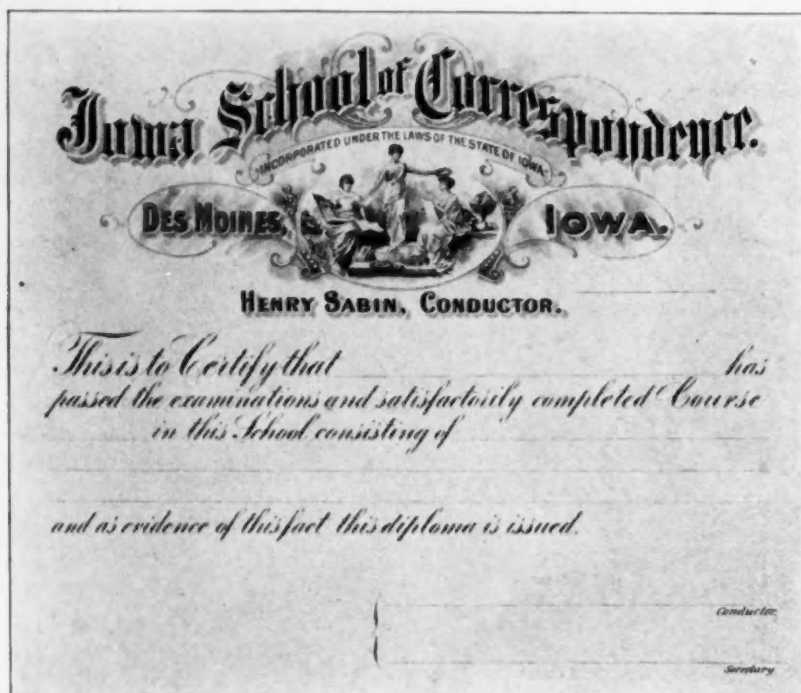
VOL. XVIII. No. 6.

SUBSCRIPTION PRICE, \$1.00 PER YEAR.

WM. GEO. BRUCE

PUBLISHER.

MILWAUKEE



The above Cut shows but One Style of our Diplomas.

Send for our catalogue containing reduced copies and prices of nearly 100 designs.

We also carry a complete line of Commencement Programs, samples and prices of which we will cheerfully mail on application.



ATLAS BLOCK,

CHICAGO, ILL.



## Programs FOR COMMENCEMENT EXERCISES

ENGRAVED AND EMBOSSED.

We carry the largest and finest assortment of  
**COLLEGE AND SCHOOL COMMENCEMENT FOLDERS**  
in the Northwest. New, unique and appropriate designs. Ask your printer to show our samples.

**Standard Paper Co.,** STATIONERY DEPARTMENT,  
MILWAUKEE, WIS.

**Beautiful Diplomas**  
*elegantly engrossed, and twentyfive*  
**Gold Dollars**  
*free to "Class of '99"*  
**Sheppard and Company**  
79 East 11th Ave. Columbus, Ohio.

### When Perplexed as to Where to Find a Strong Teacher for a Vacancy

Write, telephone or telegraph us and we will take pleasure in recommending a few carefully selected candidates. We never "flood" with applicants and never recommend unless we have Teachers possessing the required qualifications. Our list contains competent and experienced University, College, Conservatory and Normal School Graduates, Specialists and Combination Teachers. Established 18 years.

CENTRAL TEACHERS BUREAU (Edward C. Dixon),

1420 Chestnut Street, Philadelphia.

### SYRACUSE TEACHERS' AGENCY.

NOAH LEONARD, A. M., Manager, 37 The Hier, SYRACUSE, N. Y.

**Wanted, Teachers—**Kindergarten; Primary (1st, 2d, 3d, 4th grade); Grammar (5th, 6th, 7th, 8th grade); Principals (Ward, Village, District, High School); Special, of Drawing, Music, Penmanship, Commercial Branches, Manual Training, Physical Culture, Stenography.

OUR FAITHFUL SERVICE Guarantees Satisfaction.

**100 NORMAL and college graduates wanted.**

### THE PRATT TEACHERS' AGENCY

Recommends teachers to colleges, schools, families.  
Advises parents about schools.

WM. O. PRATT, MANAGER.

NO. 70 FIFTH AVE., NEW YORK.

### TEACHERS' CO-OPERATIVE ASSOCIATION OF N. E.

Over 3,100 Positions Filled. Send for Manual.

Edward W. Fickett, Manager.

36 Bromfield St., Boston.

### BRIDGE TEACHERS' AGENCIES

C. A. SCOTT & CO., Props., 24 Beacon Street, Boston, and 100 Wabash Avenue, Chicago. Send for Agency Manual. One fee registers in both offices.

### WITHOUT CHARGE

**Schermerhorn's Teachers' Agency** Recommends College and Normal Graduates and Specialists to Homes, Schools, and Colleges; furnishes catalogues and information of desirable schools. Has also Music and Art Bureau. Rents and sells School Property.

Primary Teachers wanted now.

JOHN C. ROCKWELL, 3 E. 14th St., N. Y. Manager.

**THE THURSTON TEACHERS' AGENCY.** Superintendents and School Boards in need of first-class teachers would find it to their advantage to consult this Agency. Circulars showing success and highest endorsements. Correspondence invited.

ANNA M. THURSTON, 315 Wabash Avenue, CHICAGO.

### HOME TEACHERS' AGENCY,

352 Washington St., BOSTON  
Places Expert Teachers. New quarters; Added facilities; Expert service. Send for Manual.  
E. J. EDMUNDS, Mgr.

**THE TEACHERS' EXCHANGE, OF BOSTON,**  
258 Washington St.  
Recommends superior teachers. Its recommendations have weight with school officials.

### Colorado Teachers' Agency.

1543 Glenarm Street, Denver, Colorado.

FRED DICK, Ex State Superintendent, Mgr.

### SCHERMERHORN'S TEACHERS' AGENCY.

— ESTABLISHED 1855 —

Without charge recommends to COLLEGES, SCHOOLS, HOMES, the BEST TEACHERS (American or Foreign); Aids Parents selecting Schools; MUSIC and ART BUREAU. RENTS and SELLS School Properties. Register NOW!  
— Telephone 1332-18. —

JOHN C. ROCKWELL, 3 East Fourteenth Street, New York City.

### ALBANY TEACHERS' AGENCY

Provides Good Teachers for Good Schools.

Provides Good Schools for Good Teachers.

If in search of either, you may find it to your advantage to write us fully in regard to your wants.

#### WHAT OUR PATRONS SAY OF US:

EUGENE E. GILL, Boring, Md. I am glad to report that I have just received notice of my election to the Chair of Mathematics in Morrisville College, Morrisville, Mo., and I desire you to accept my sincere thanks for your efforts in my behalf. I have been a member of five other agencies at different times, and I can say positively that not one of them has given me the satisfaction that your agency has.

W. B. ASPINWALL, Prof. Ancient Languages, Union Female College, Eufaula, Ala. I arrived here yesterday and hasten to inform you that I have accepted the position in Union Female College. I thank you for being instrumental in getting me the position and for all your courtesies.

Dr. H. M. LANE, Pres. MacKenzie College, S. Paulo, Brazil. Your valued favor of the 22d inst., with recommendations came duly to hand, and I have delayed answering until some conclusion should be reached. I have closed with Mr. Everett, of Worcester, Mass., one of your candidates.

NATHAN T. HEWITT, Clerk Board of Education, Keeseville, N. Y. We have to-day closed a contract with Miss Butler. Please accept our thanks for your prompt assistance in this matter, and we trust that Miss B. will prove as satisfactory as the former teachers recommended to this Board by you.

CORRESPONDENCE IS INVITED.

SEND FOR CIRCULARS.

HARLAN P. FRENCH, Proprietor,

24 State Street, Albany, N. Y.

AN AGENCY is valuable in proportion to its influence. If it merely hears of vacancies and tells you about them THAT is something, but if it is asked to recommend a teacher and recommends you, that is more. Our **RECOMMENDS**  
C. W. BARDEEN, Syracuse, N. Y.

**TEACHERS WANTED** for colleges and schools in every state. No charge to employers for recommending teachers. Address either office. **INTERSTATE TEACHERS' AGENCIES.** Main Office: 126 Washington St., Chicago. Eastern Office: Odd Fellows' Temple, Philadelphia.

### MENEELY BELL COMPANY,

Troy, N. Y., and New York City.

MANUFACTURES SUPERIOR SCHOOL BELLS.



# The A. H. ANDREWS CO. 300-304 WABASH AVE. CHICAGO, ILL.

**TRUST** to our 35 years experience in devising appropriate furniture for the schoolroom. **TRUST** to our unsurpassed facilities for adequate seasoning, proper machining and handsomely and permanently finishing our school goods. **TRUST** your own judgment as to the value, comfort, durability and excellence of our complete line of **School Furniture, Apparatus and Supplies.**

**WE MAKE OUR OWN GOODS IN OUR OWN FACTORY AND SHIP EVERYTHING FROM CHICAGO.**

*We Sell Our Own Goods in Our Own Name and You Deal Directly With the Manufacturer.*

We are not owned, controlled, associated with, dictated by, or in any manner connected with any other concern, manufacturer, dealer, corporation, association or agency.



Our long and successful experience in meeting the requirements of the schools of America, our trustworthy products, our honorable treatment of our many patrons and our excellent facilities for furnishing you the **best for the least money** is our sole commendation for your continued patronage.

See cuts of **ANDREWS NEW RUGBY SCHOOL DESK.**

Watch next issue of this Journal for cut of our

**IMPROVED ADJUSTABLE SCHOOL DESK,**

that has been adopted for exclusive use in the public schools of Chicago.

If you buy desks this year let us hear from you and we will exhibit samples and make you proper prices.



**THE A. H. ANDREWS CO., 300-304 Wabash Ave., CHICAGO, ILL.**

**"The World Offers Homage to Thee."**

**Columbia** The Gem of the School Room.

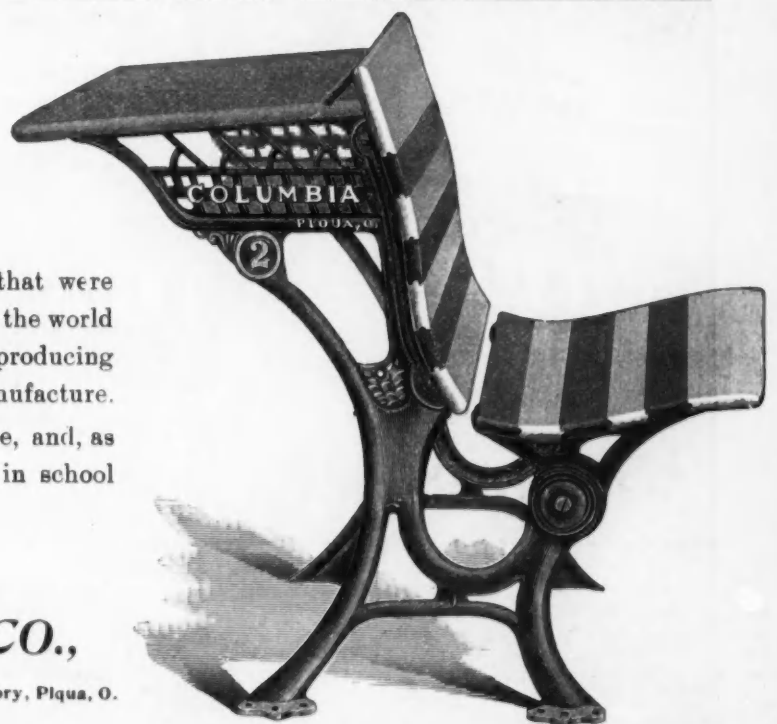
In producing this desk we were fortunate in the skilled trained minds that were employed in its conception. It was happily named, typical of a land to whom the world offers homage, and it is a credit to the name it bears. Made in a factory producing nothing but school furniture, only trained specialists are employed in its manufacture.

This is an age of specialists. We are specialists in school furniture, and, as a consequence, we excel all others in this line. If you are interested in school furniture, we are interested in you and would like to get acquainted.

If you desire our acquaintance drop us a line.

**AMERICAN SCHOOL FURNITURE CO.,**

Eastern Office: 3 East Eighteenth St., New York. Western Office: 90 Wabash Ave., Chicago. Factory, Plqua, O.



**MAPS - CHARTS - GLOBES  
BLACKBOARDS  
Venetian Blinds**

AND ALL KINDS OF

**SCHOOL FURNITURE AND SCHOOL SUPPLIES**

AT WHOLESALE. Get our prices.

**STANDARD SCHOOL FURNISHING CO.,  
45-47 Jackson St., CHICAGO, ILL.**

Successors to the Artificial Slate Blackboard and Venetian Blind Dept.  
of W. A. Olmsted.



Let Us Figure on your Bill of

Maps, Charts, Globes, Erasers, Furniture,  
Crayons, Blackboards, Dictionaries, Chemical  
and Physical Apparatus.

**EVERYTHING FOR SCHOOLS.**

Only the **best** goods handled, and these  
furnished at as low a price as the best can  
be produced. Never place an order till  
you hear from us.

**W. L. BELL & CO.,**

12th and Broadway, KANSAS CITY. 84 Wabash Ave., CHICAGO.  
SALESMEN WANTED EVERYWHERE.

# A GOOD SCHOOL DESK.

## HONEST GOODS.

In producing our school desks we not only embody the latest and best ideas in the construction of a desk—but we use the best material.

Our woods are selected in the forests, and then seasoned in our kilns. This important matter is never overlooked. The consequence is that our furniture never warps or cracks. In compactness and firmness it is as good at the end of twenty-five years as it is the first day it is manufactured.

Our reputation has been built up largely on the honesty of our goods.

**NOT IN THE SCHOOL FURNITURE TRUST.**



THE BOLTLESS AUTOMATIC.

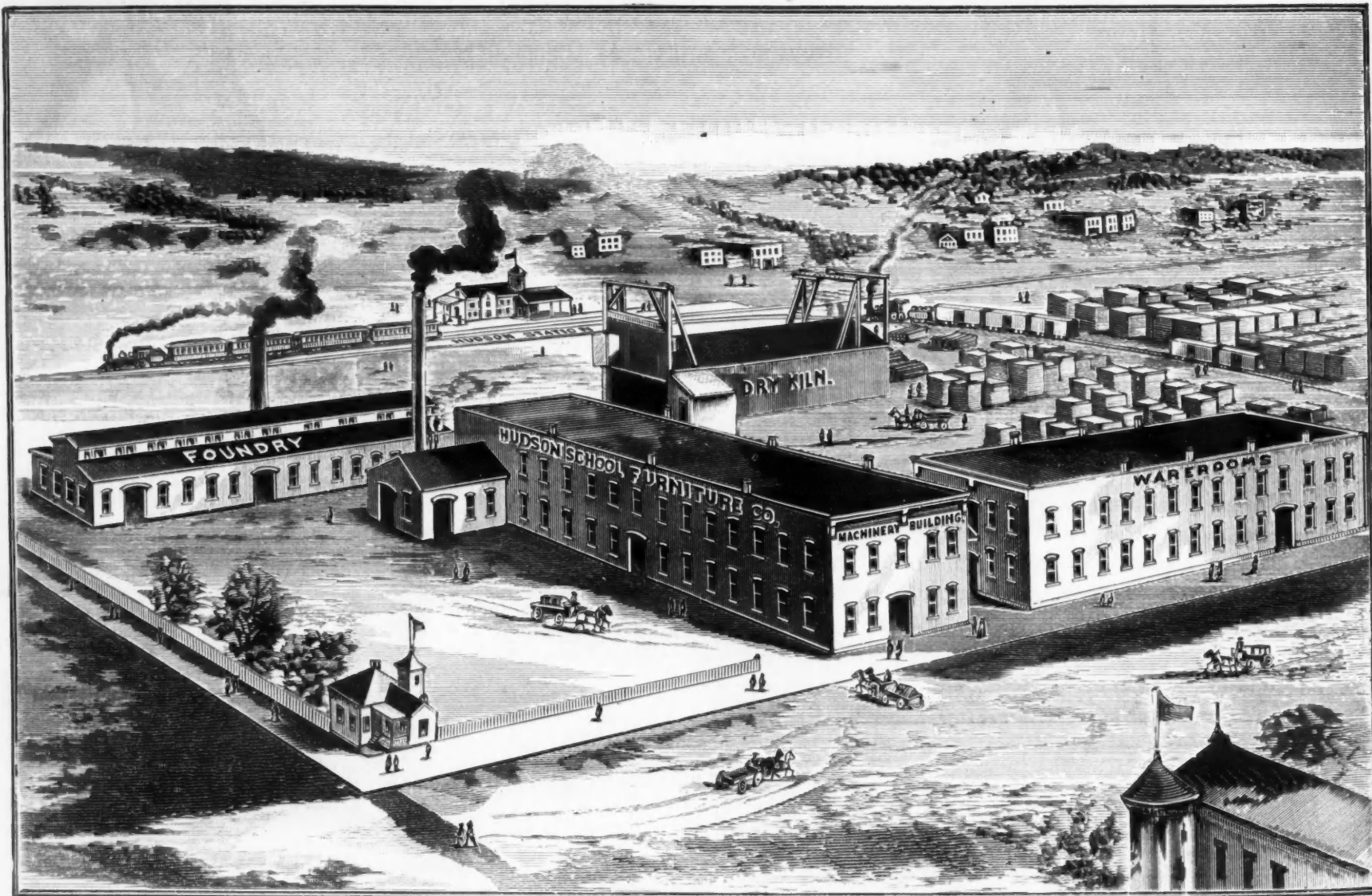
## FAIR PRICES.

We believe in fairness both to the seller as well as the buyer. The manufacturer who employs honest labor—uses good material—wood that will wear—iron that is without defect—must charge a reasonable price. And such a price is always cheap in the end.

There is a difference between “cheapness and cheapness.” The one seems cheap at the start and becomes mighty expensive in the end.

The other is reasonable at the start and is as bargain to the buyer at all times—a bargain that wears well—gives satisfaction to the schools—and enables us to sell again.

**AGENTS WANTED.**



FACTORY AND OFFICE OF

# THE HUDSON SCHOOL FURNITURE CO.,

ATHENS, O.





# Boltless Automatic.

## School Boards.

The purpose of this advertisement is obvious. It is to acquaint you with the fact that we make and sell school furniture—with the additional fact that we make the very best that can be obtained in the American market to-day. While it may be pardonable, for a manufacturer, like any retail merchant, to "toot his horn" in order to sell his goods, it is the object here to do no "tooting" in the sense that that word is commonly understood, but to tell you simply that we make an article for which you may be in the market.

To that end we place this advertisement before you.



**TALKING IT OVER.**

## School Committees.

Your duties devolve upon you to select school furniture at certain times during your official career. In doing so, you aim to select goods that will meet with the approval of those who are supposed to be informed on the subject. This approval implies a properly constructed school desk—of honest material—and at a price that is reasonable.

The taxpayer, and many others who are not taxpayers, are always ready to offer criticism if some mistake has been made. The school board member who has had an experience of this kind does not want any more mistakes "in his." He wants the selection made to be a safe one. Our goods are safe goods—they never fail to give satisfaction. Those who buy once will buy again.



THE "BOLTLESS AUTOMATIC."

## OUR PRICES.

We sell our furniture direct from the office and by reliable traveling salesmen. If sold direct from the factory to the School Board the expense of selling (which the purchaser always has to pay) is only the cost of postage. We pay the postage, you do the rest. Prompt filling of orders is an inflexible rule in our office.

Write for list of school boards who order direct from factory. Our direct prices will interest you.

**NOT IN THE SCHOOL FURNITURE TRUST.**



THE "BOLTLESS AUTOMATIC."

## Reliable Firm.

We have been in the school desk business for twenty years. During this time we have always sold goods to a school board so that we could sell again. That has been the secret of our success. It is the secret of success in any business. Deal so you may deal again.

**AGENTS WANTED.**



S. M. HUDSON,  
President.



W. C. HUDSON,  
Secretary.

THE TWIN SCHOOL DESK MEN.

## Goods Shipped Direct.

We have dealt for years with school boards who have ordered goods direct from our factory. A list of these boards will be sent upon application. They have confidence in us as manufacturers and as business men. We never fail to treat them fairly and honorably. They know their orders will be properly filled.

**AGENTS WANTED.**

**The Hudson School Furniture Co.**  
Athens, Ohio.

# THE FIDELITY SCHOOL DESK AND SEAT. INSTANTANEOUSLY ADJUSTABLE

HIGH GRADE WORK AND  
HIGH SCHOOL FURNITURE OUR  
SPECIALTY.



Sauder's Adjustable Commercial School Desk and Noiseless Friction Hinge Box Lid Desk are without Peer and Just the thing for up to date Schools and their Requirements.

MANUFACTURED BY **THE J. M. SAUDER COMPANY,**  
1213-1215 Filbert Street, PHILADELPHIA, PA., U. S. A.

THE FIDELITY School Desk is made in three separate and distinct sizes, so as to fully meet all varied requirements in all the different grades of schools. The above illustration shows the same size desk adjusted in three different positions: highest, lowest, and intermediate points, yet maintaining, as you will note, the same beautiful and symmetrical appearance at any point of adjustment, which can be said of no other adjustable desk in the market. In the construction of the "Fidelity" the objectionable features in all other adjustable school desks have been eliminated; all the advantages have been embodied in the most simple, yet effective mechanical and practical manner. It is an admitted fact (even by our competitors), that we have the simplest and easiest method of adjustment, that we have the most rigid desk in the market, but they will tell you

"it costs too much; theirs will answer your purpose and that it will cost you less money." WE SAY, before you purchase EXAMINE our furniture, compare it with any or all manufactured, investigate our claims, and if opportunity is afforded us we will demonstrate to your entire satisfaction that we can adjust the Fidelity desk and seat from either side, with the pupil in position, to a more perfect degree of comfort, in much less time and with far greater ease (and without the aid of any complicated measuring devices), and have the desk and seat remain firmer and more rigid for a greater length of time than any adjustable desk in the world. Further, that it will be as rigid and durable and will answer the same purpose more satisfactorily than any stationary desk ever offered.

That for the high and uniform grade and quality of

work we furnish, we cannot do it for as little money as the cheap grades of work on the market, but there is no manufacturer can offer you furniture at prices sufficiently lower that the difference will justify your acceptance if comfort and health to pupil, ease of adjustment, mechanical ingenuity and simplicity are taken into consideration.

Write us fully, stating your requirements, and we will do all we can to please you. While our prices may not be the lowest, they are consistent with the quality of goods we produce, and are regulated by cost of material and labor, and will be the same to every purchaser, if by mail or otherwise. All our transactions are free and independent from any trust or combination of manufacturers, and we assure to our customers fair, prompt, and honorable treatment at all times.

## THERE IS PLENTY OF EVIDENCE



"Patrick Mulrooney," said the Judge sternly, "do you plead guilty or not guilty?"  
And Mulrooney replied, "Oi think Oi'll wait till I hear the evidence."

Going to show that we manufacture absolutely the best school furniture on earth. Our success is the marvel and envy of our competitors, and the seal of approval which the public have put upon our goods. What school officer but has heard of Grand Rapids desks? What school furniture company but what in describing their desks claim them to be the "equal of Grand Rapids." There are no school desks equal to those made by us. They stand in a class by themselves, unapproached and unapproachable.

Other school desks may be compared with each other, but *The Grand Rapids Desk stands alone.*

### THE STANDARD OF THE WORLD.

The public bears evidence to the fact by the patronage which they have bestowed upon us. Our competitors give evidence of it by the manner in which they compare their desks to ours, and the verdict of the public is unanimously in our favor.

If you are interested in school furniture and wish to hear the evidence in the case, send for our catalogue and book of written evidence. Both free for the asking. A one-cent postal card will bring them to you.

Our ball bearing school desks are known and famous the world over.

# American School Furniture Co.,

Eastern Office, 111 Fifth Ave., New York.  
Western Office, 90 Wabash Ave., Chicago.  
Factory, Grand Rapids, Mich.



## A GREAT TRIP!

Have you teachers who have really made up your minds to use the

### SHASTA-NORTHERN PACIFIC ROUTE

home from the Los Angeles N. E. A. actually an idea of what a trip that is going to be? I am going to hint at a few things in connection with it. And I shall not refer to Yellowstone Park at all—there is so much else.

At San Francisco, for most of you will stop to see that wonderful city a day or two, you will be somewhat fatigued after sight seeing. You leave that city in the evening and after a most refreshing night's sleep, morning will find you alongside the beautiful Sacramento River. From there until well over into Oregon you will be filled with "the thirst of the human heart for the beauty of God's working" as Ruskin puts it. The great mountains with glorious Shasta at the head of the procession come and go; Castle Crags tower aloft in silent grandeur; Shasta Springs quenches your thirst; the Siskiyou range and Rogue River Valley overpower you. Another night and you are in Portland over which beautiful Mounts, Hood and St. Helens, watch untiringly. Then comes the Puget Sound country with its beautiful bays, great cities, wonderful forests, giant mountains, Rainier, the greatest Captain of all, rising like a huge chunk of white marble toward heaven.

What a historic region this! For a hundred years the nations were fighting to obtain possession of this old Oregon country. Exploration, diplomacy, emigration, politics, were worked for all they were worth to this end and at last the United States got it. Study your geographies and read your histories and see what a land of romance and resources it is.

Grant, Sheridan, Crook, and other great generals fought Indians there in the early days. Now the railways traverse it and steam craft ply upon its bays and rivers.


Eastward from the Sound country lies an empire—a big one. Washington, Montana, North Dakota, Minnesota, with their great fruit ranches, mountains filled with gold, fields of grain, and rivers and lakes, are also full of interesting historic incidents.

Hennepin, Pike, Lewis, and Clark, Nicollet, Schoolcraft and others have left their impress here.

But, send Chas S. Fee, G. P. & T. A., N. P. R., St. Paul, Minn., six cents for Wonderland '99 and you will learn more about it than can be told here. For rates, etc., address,

C. C. MORDOUGH,

377 BROADWAY, MILWAUKEE, WIS.



"Papa says I can be his private secretary now"

The **Smith Premier Typewriter**

is so easily learned and does such clean, perfect work.

The **Smith Premier Typewriter Co.**  
Syracuse, N. Y., U. S. A.

SEND FOR ART CATALOGUE.

**DIPLOMAS, REPORTS and REGISTERS.** Roll of honor school supplies. Samples and price lists on application.

**STERLING SCHOOL SUPPLY CO.,**

P. O. Box 640,

MT. STERLING, O.

**KIRK'S SCHOOL INKS**

MANUFACTURED FOR THE TRADE.  
HARRY D. KIRK,  
26 W. Randolph St.,  
CHICAGO, ILL.

### School Supplies.

I CAN FURNISH AT SPECIAL NET RATES School Desks, Chairs, etc. Slate Stone Blackboards and other kinds. Flags, Bells, Maps, Globes, Charts, etc.

L. A. MURRAY, Box 56, Kilbourn, Wis.



RINGS, SOCIETY PINS, MEDALS.

From exclusive designs made by

HENRY C. HASKELL,

508

11 John St., NEW YORK.

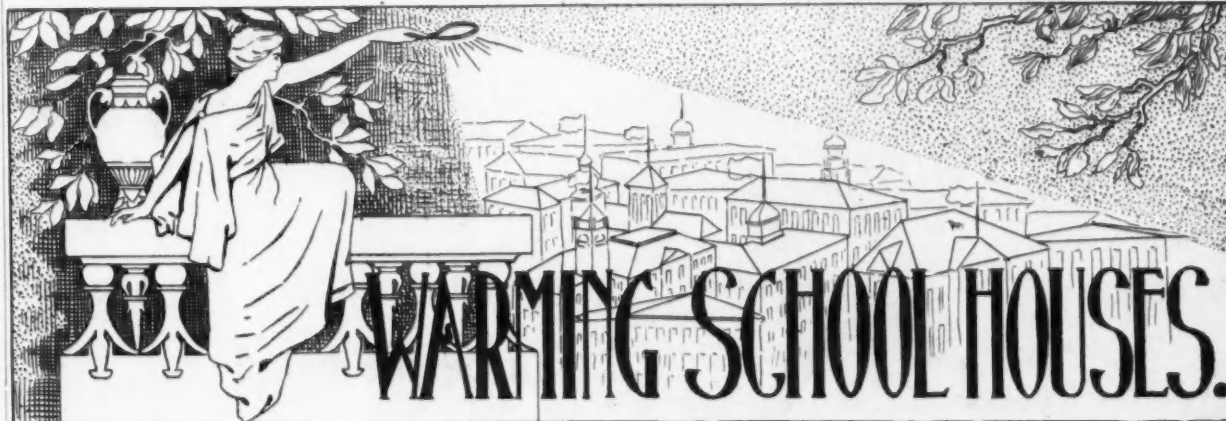
Correspondence invited.

DESIGNS FREE.

**CLASS BOOK FREE.** To introduce our Record (class book), we will send postpaid one copy and 25 Term Report Cards, on bristol card, for 25c in stamps, which is the usual price for cards alone. Will return price if unsatisfactory.

Our new school supply catalogue, illustrated, mailed free.

THE OLIVER ADAMS PUBLISHING CO., Dept. B.  
24-26 Adams Street, CHICAGO, ILL.



The science of school house heating has been our specialty for many years. Thousands of modern school buildings throughout the United States contain the Peck-Williamson System, and were comfortably heated during the late unusually cold winter—to which we point with pride.

SEND FOR PRINTED MATTER.

**THE PECK-WILLIAMSON HEATING & VENTILATING CO.,**

CINCINNATI, O., U. S. A.

It's nearing the time when the question will come up with the Board of Trustees, of getting the school house in readiness for the next term of school, and school furniture and supplies will be the principal things to be considered.

Anent that, we know of nothing better to bring to the notice of Trustees than the New "Oxford" school desk.

A school room can be furnished more completely and practically with it than with any other desk yet devised—look into it yourself.

The roller bearing seat hinge allows the seat to move easily and without noise—besides, we guarantee it to work satisfactorily as long as the desk lasts.

Made adjustable or non-adjustable as you please.



We believe we are better conditioned to furnish all kinds of good school furniture and supplies than any other house in America, to-day.

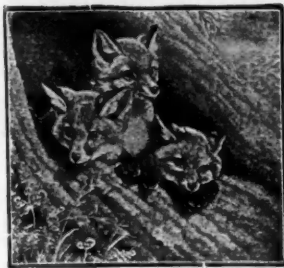
Glad to take up the question with you, you be the judge.

**American School Furniture Co.,**

Washington Street and Wabash Avenue,

**Chicago.**





WE ARE WIDE-AWAKE.

simile of handwriting tables of dates; valuable bibliography; invaluable for students 90c. "Excellent; we have adopted it."—Prof. PERRY, Princeton University.

**GERMAN READER.** Primer, First and Second Reader. Natural method. by Prof. Loesberg, edited by Prof. Kolbe, of Buchtel College. \$1.00. "The best of its kind."—B. H. BELL, High School, Springfield, Mass.

**AROUND THE WORLD,** Geographical Series, Primary. by S. W. & C. F. Carroll, Supt. of Schools, Worcester, Mass. A new sociological treatment of unique people of the world. Far ahead of any similar books in up-to-date features. 40 cents.

"I think it one of the best things ever printed for primary work."—ORVILLE T. BRIGHT, Supt., Cook County, Ill.

**INDIANS AND PIONEERS, Earliest Days in America.** (New.) Historical Series. First Book: Prehistoric and early Colonial days. Authentic illustrations. by S. T. Dutton. Supt. of Schools, Brookline, Mass. 72 cents. "A book of rare merit. It is safe to say that this book is altogether one of the most attractive up-to-date historical text-books in print."—C. F. CARROLL, Supt. Worcester, Mass.

**ATWOOD'S STANDARD SCHOOL ALGEBRA,** inductive method. \$1.20. "It is decidedly the best all-round school Algebra I am acquainted with."—ROBT. P. KEEP, Prin. Norwich Free Academy, Norwich, Conn.

**ATWOOD'S EXERCISES IN ALGEBRA.** Profuse in examples. 80c. "Just the book we require."—Prof. AYER, High School, New York.

**STANDARD SCHOOL PHYSIOLOGY,** by Dr. R. B. Smith, and Supt. E. C. Willard, Stamford, Ct. Price, \$1.00. "It embodies the best features of the best books of this kind."

Prof. L. C. WILLIAMS, Cheltenham Academy, Ogontz, Pa.

**SMITH'S EASY EXPERIMENTS IN PHYSICS.** Clear, accurate treatment with simple apparatus obtainable everywhere. 50 cents. "It is by far the best and most complete thing of its kind I have ever seen."—Prof. J. G. BROWN, Ill. State Normal University.

All our books are made from new plates and represent the best up-to-date modern treatment of their respective subjects from the standpoint of progressive educators. Before ordering others do not fail to examine such successful books as.

**MORSE SPELLER,** correlation work, by Supt. S. T. Dutton, Brookline, Mass. 30c.

**DEANE'S PHONETIC READER,** rapid and easy method for reading. 40 cents.

**FORD'S NATURE'S BYWAYS,** natural science for primary. 40 cents.

**BURTON'S STORY OF THE INDIANS OF NEW ENGLAND.** 67 cents.

**THOMPSON'S FAIRY TALE AND FABLE,** choice literature and high art. 40 cts.

**HISTORICAL OUTLINES AND CIVIL GOVERNMENT,** valuable aid. 50c.

**NEW CENTURY DEVELOPMENT MAPS** (Outline), per block of 50 maps. 40c.

**COPY BOOKS,** Intermedial System, teaches practical business house writing.

Liberal Discount. Send for Illustrated Catalogue.

THE MORSE COMPANY, Publishers, 96 Fifth Av., N. Y. BOSTON, 36 Bromfield St. CHICAGO, 195 Wabash Av.

## A Few of the Large Users of the Densmore:

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McDonald's Business Institute, Milwaukee,	45
Massey's Business Colleges, Columbia, Ga., etc.,	32
Fred Macey Desk Co., Grand Rapids,	31
Boston Globe,	19
American Book Co., New York and Branches.	15



Handiest, Simplest, Easiest to Learn and to Keep in Order, Hence—BEST FOR SCHOOLS.

THE DENSMORE, 316 BROADWAY, NEW YORK.



After an Investigation of nearly three months

THE DETROIT BOARD OF EDUCATION

Have purchased 24 Oliver Typewriters for school work because, in their judgment, it is a superior typewriter for all purposes.

IT WRITES IN SIGHT.

Schools considering the introduction of writing machines will do well to send for catalogue and information.

THE OLIVER TYPEWRITER CO., 77 Washington St., CHICAGO.

## STUDENTS WHO WIN

desirable positions quickly are those who are the most thoroughly trained in the operation of the

# Remington



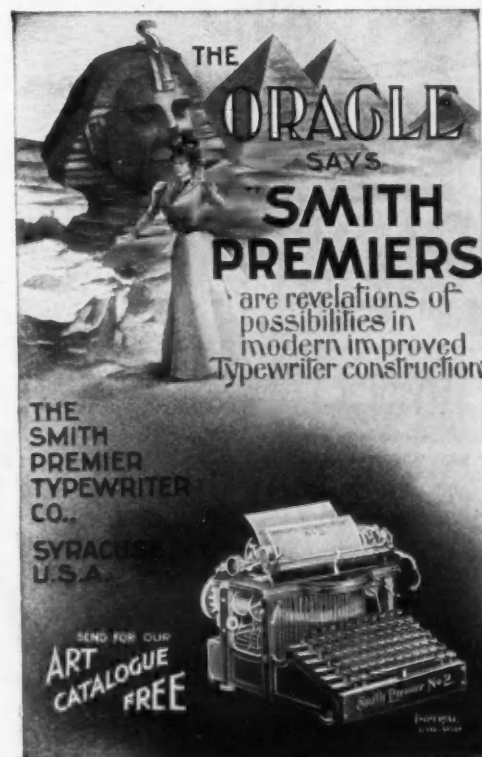
## Standard Typewriter

Because it is the one most generally and extensively used by the business world.

There is Always a Demand For First-Rate Remington Operators.

New Models, Nos. 6, 7, and 8 (Wide Carriage).

Wyckoff, Seamans & Benedict, 327 Broadway, NEW YORK.



# THE REAR-FOLDING SCHOOL SEAT



Differs from all others in points that make it at once more convenient, stronger and better. The accompanying illustrations will explain in part its good points.

The seat folds up or down as the pupil leaves or enters his desk without the use of the hand. It is automatic in fact. When folded, the finished side of seat is shown. The pupil can rise without stepping into the aisle, and sit down without sliding into the seat. This arrangement allows the desk in front to be brought near enough to the pupil to enable him to maintain an erect position and at the same time be brought a proper distance from the work. No occasion for stooping of the body or straining of the eyes in the work. It is the only desk of which the folding of the seat is of advantage to the pupils. It is strong, well-made and fully warranted. This desk has been on the market many years—probably a half million of them in use at this time. To be sure, it has been improved from time to time. Every weak point has been made strong. It is noiseless. The seat cannot sag or break from fair usage. *We are Marketing our own Product.* Salesmen wanted. For prices or

terms to Agents,  
address as follows:

**THE W. A. CHOATE CO.**  
24 State St., Albany, N. Y.  
**ATKINSON & MENTZER,**  
N. W. Cor. Randolph St.  
and Wabash Ave.,  
Chicago, Ill.



**KANSAS CITY FURNITURE CO.,**  
107 Keith & Perry Bldg., Kansas City, Mo.  
**J. S. DAVIS,**  
1650 Lawrence St., Denver, Col.  
**WILLIAM L. OGE,**  
22 Clay St., San Francisco, Cal.  
**WILSON & WEBB BOOK & STATIONERY CO.,**  
212 Main St., Little Rock, Ark.  
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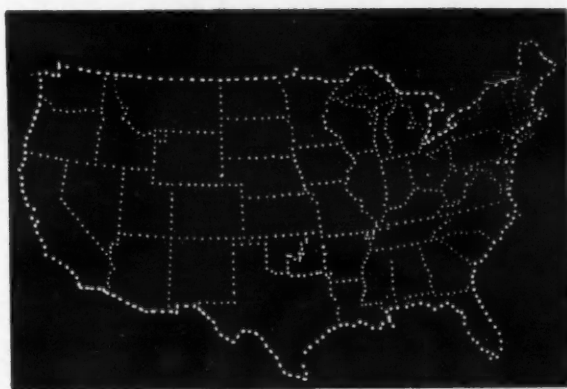
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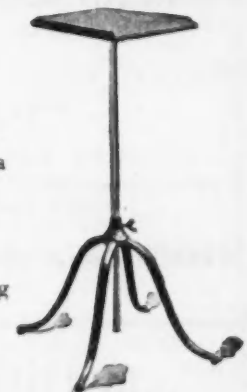
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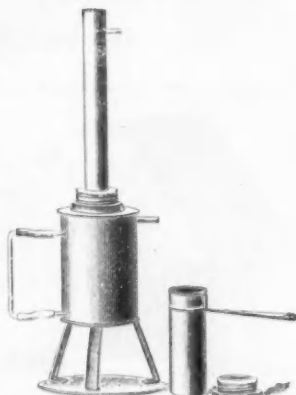
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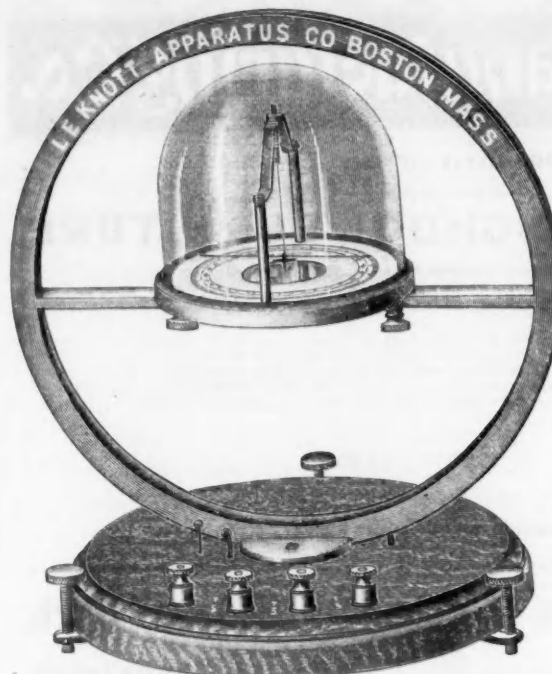
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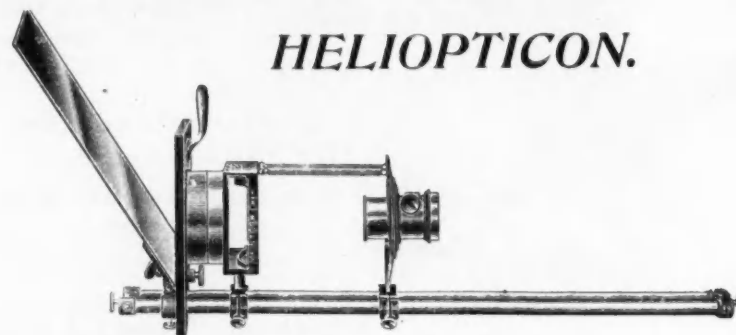
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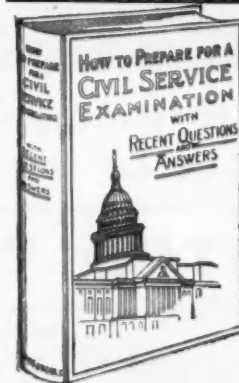
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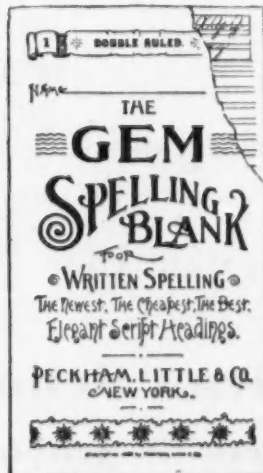
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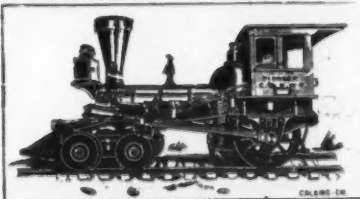
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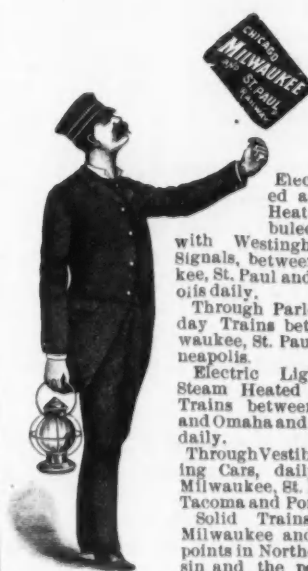
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# "All Aboard for Los Angeles"

## National Educational Association,

THIRTY-EIGHTH ANNUAL MEETING,

Los Angeles, Cal., July 11-14, 1899.

### To the Teachers of Wisconsin:

The thirty-eighth annual meeting of the National Educational Association will be held at Los Angeles, Cal., July 11-14, 1899. This meeting will be the greatest educational event of the year. The place of meeting has been wisely chosen. Gratifying assurances are given that all citizens and teachers throughout California will unite in giving the Association a hearty welcome. No journey of equal distance, taken from here, embraces more picturesque scenery, more of nature's own grandeur, than does a tour through the Rock Mountains, the Yosemite Valley, Yellowstone Park, etc.

Arrangements are being made by which a large party of Wisconsin teachers and others will be taken by special train to Los Angeles. An itinerary has been mapped out which covers the most interesting points, both on the outward and homeward trip. Convenient stops will be made at each point of interest.

### ACCOMMODATIONS.

Wm. Geo. Bruce, who acted as the local secretary for the Milwaukee N. E. A. meeting, and who took the largest party of Wisconsin teachers to Washington last summer, will have charge of the Los Angeles party. He will secure accommodations in private families and hotels at nominal rates—and see to it personally that every one in the party is taken care of during the journey.

### SCHEDULE OF SPECIAL TRAIN.—GOING.

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Arrive Chicago	9:30 P. M., July 3.	"
Leave Chicago	10:30 P. M., July 3.	"
Arrive Omaha	3:55 P. M., July 4.	"
Leave Omaha	4:25 P. M., July 4.	Burlington Route.
Arrive Denver	7:10 A. M., July 5.	"
Leave Denver	8:30 A. M., July 5.	Denver & Rio Grande.
Arrive Colorado Springs	10:45 A. M., July 5.	"
STOP ONE DAY TO VIEW PIKE'S PEAK, ETC.		
Leave Colorado Springs	10:50 A. M., July 6.	"
Leave Royal Gorge	1:39 P. M., July 6.	"
Leave Glenwood Springs	9:00 P. M., July 6.	"
Arrive Salt Lake City	9:30 A. M., July 7.	"
STOP OF THREE HOURS FOR SIGHT SEEING.		
Leave Salt Lake City	12:30 P. M., July 7.	"
Arrive Ogden	1:10 P. M., July 7.	"
Leave Ogden	1:30 P. M., July 7.	Southern Pacific.
Arrive Sacramento	4:50 P. M., July 8.	"
Arrive Los Angeles	1:20 P. M., July 9.	"

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# School Board Journal

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MILWAUKEE, JUNE, 1899.

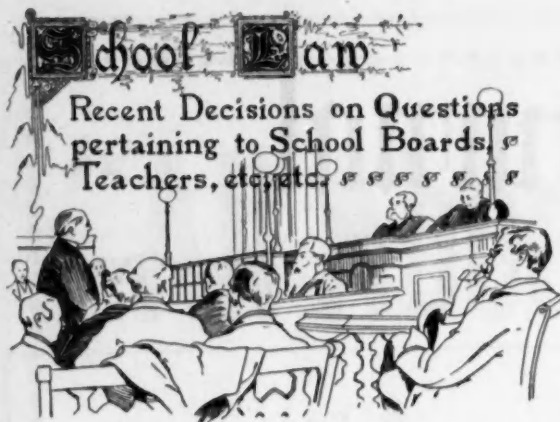
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## LOS ANGELES AND THE PARIS EXPOSITION.

Howard J. Rogers, Director of Education, and his committee will halt at Los Angeles, July 11-14, to invite the co-operation of American Educators to the Educational Exhibit at Paris in 1900.



A contract with a teacher was not invalid because the time the school was to be taught was not stated therein, as required, where were made a part of the contract, specified such a time.—Burkhead vs. Independent School Dist. of Independence, Ia.

#### Contracts only for School Year.

School districts are vested with corporate powers to be exercised by their boards of directors. The law provides that the board shall elect all teachers, and make all contracts on behalf of the district; also that the district may select a person who shall have general supervision of the schools, subject to the control of the board, and authorizes the board to designate the period each school shall be held beyond the time required by law. It also empowers the directors, at their annual meeting, to determine what additional branches shall be taught during the following school year. By section 2772 the board is authorized to prescribe a full course of study for the school. *Held*, that the legislature intended that contracts with superintendents and teachers should be limited in duration to the school year, as determined by the board of directors.—Burkhead vs. Independent School Dist. of Independence, Ia.

#### Three or Twelve Months.

A teacher who wrote the minutes of the board of directors providing for a three-months' term, and who signed a contract for his employment for such time, is not bound by such limitation, it being illegal, and he having understood that, while the school would be opened for the time being only for the three months ending in November, another school would be opened in January, and kept long enough to use up the money belonging to the scholastic year, and that he would be allowed to teach through the year, and he having signed the contract with the three-months' clause on the assurance of the directors that it would not affect his right to teach through the year.—School Directors of Twenty-third Dist. vs. Leak, Tenn.

#### Reasons for Dismissal.

Law providing that written contracts shall be made with all public school teachers in a form to be prescribed by the school regulations, limiting the power of directors to dismiss a teacher for causes of incompetency, improper conduct, or inattention to duties, it being the custom to employ a teacher for the scholastic year, the length of which depends on the amount of school funds, the directors cannot, by limiting the first term to three months ending in November, and commencing a second term in January, limit the teacher's employment, without any other than personal reasons, to the first three months.—School Directors of Twenty-third Dist. vs. Leak, Tenn.

#### One Does Not Bind All.

The directors of a school district which employed thirteen teachers, having determined to reduce the number for the ensuing year to twelve, passed a resolution that all the teachers

whose terms expired be employed for the ensuing year, subject to their right to "relieve" one of them, if all desire to accept. *Held*, that, they all having accepted, one of them was not relieved or removed by a resolution of the board requesting her to resign.—Kennedy vs. School Dist. No. 1 of Snohomish County, Wash.

#### Power of State Superintendent.

A decision by the superintendent of public instruction, on appeal from the county superintendent, that a teacher was wrongfully discharged, is final and conclusive, in an action by the teacher for wages, even if based on the fact merely that the teacher was not given an opportunity to be heard, and not on the merits.—Jackson vs. Independent School Dist. of Steamboat Rock, Minn.

#### To Recover Damages.

Under law, authorizing any person aggrieved by a decision of school directors to appeal therefrom to the county superintendent, and thence to the superintendent of public instruction, whose decision of the latter that a teacher's discharge was wrongful is conclusive in an action by the teacher to recover damages for such discharge.—Jackson vs. Independent School Dist. of Steamboat Rock, Ia.

#### No Cause for Removal.

Under law, providing that the county superintendent shall revoke the certificate of a teacher if he shall be found "incompetent, inefficient, immoral or otherwise unworthy to be a teacher," the fact that a teacher has on a single occasion assisted an applicant for a certificate in his examination does not authorize the revocation of his certificate.—Superintendent of Common Schools of Daviess County vs. Taylor, Ky.

#### Revocation of Certificates.

The law providing that the county superintendent may suspend or remove a teacher for certain causes, does not authorize the revocation of a teacher's certificate.—Superintendent of Common Schools of Daviess County vs. Taylor, Ky.

#### Binds the Teacher.

The law providing that the board of school inspectors cannot create an indebtedness against the city for the ensuing school year until the annual appropriation is made by the council, binds teachers appointed by the board before such appropriation.—Putnam vs. City of St. Paul, Minn.

#### For All Teachers.

Under law, providing that the school inspectors cannot create any indebtedness against the city for the ensuing school year until the annual appropriation is made by the city council, teachers appointed by the board before such appropriation cannot claim that the amount afterwards set apart for salaries became a trust fund for the sole use and benefit of teachers already appointed, since such appropriation, under the statute, is for the entire teaching force.—Putnam vs. City of St. Paul, Minn.

#### Compensation of Teachers.

Where the amount appropriated by the city council of St. Paul, under the law, for the compensation of teachers, was believed by the school board to be insufficient to pay full salaries for the entire year, and it was resolved that all salaries should be paid monthly in full, and that, if there should be a deficiency, each teacher should be paid pro rata for the last month, and the teachers accepting situations were notified by the school board of such fact, they cannot recover the difference between what was paid for the last month of the school year and what would have been paid for such month if the appropriation had been sufficient.—Putnam vs. City of St. Paul, Minn.



HON. J. H. ACKERMAN,  
State Superintendent of Public Instruction, Oregon.

#### Among Boards of Education.

Chicago, Ill. At a recent meeting of the school board Trustee F. J. Loesch invited Trustee J. H. Strong to step in the hallway and settle a dispute. The invitation was accepted, but the opponents were laughed out of their combative mood. It was the first time that belligerent members of the board had evinced any disposition to settle their differences with their fists.

Philadelphia, Pa. The School Directors' Association recommends boiling drinking water in all the schools.

Milwaukee, Wis. Self-government in a Milwaukee school has proved a failure, and the pupils of the Twenty-first ward have gone back to the old system of "imperialism." Principal O'Hanlon some time ago introduced a system of self-government in the school, under which the pupils elected officers and a police force. The scheme worked well and the lesson was taught that offenders brought trouble and annoyance to the entire population of the school room. But some of the parents objected. They claimed that it was teaching the children to become "tell-tales" and to spy upon each other. Then School Director Fahsel issued an order compelling Principal O'Hanlon to again assume the reigns of government.



#### Hope for the Turned Down.

Barber—Did Brown pass the civil service examination?

Professor—No; didn't know one rule of grammar, and fell under the multiplication tables.

Barber—What's he doing for a living now?

Professor—He's teaching school in the Philippines.



## New Rules and Regulations.

Atlanta, Ga. The board has repealed a rule which has been in force for many years to the effect that attendance upon obligatory services of the religious body to which a pupil might belong should not be cause for demerit.

Cambridge, Mass. Under the newly adopted rules the superintendent is charged with the nomination of all teachers and the selection of text books, subject, however, to the approval of the board of education.

Lansing, Mich. A newly adopted resolution reads as follows:

"Resolved, That high school boys, after being duly notified to abstain from smoking on the way to and from school, and failing to conform with such reasonable requirements, may be suspended by the superintendent, and reinstated only by action of the school board."

Philadelphia, Pa. The twenty-fifth sectional school board has ruled that women school teachers contemplating matrimony need not apply for positions.

Philadelphia, Pa. The school directors of the Twenty-ninth section have requested the principals not to allow the children to drink water as it flows from the faucet or hydrants, but to give instructions to the janitor to supply properly boiled water for drinking purpose.

Detroit, Mich. A rule relative to the employment of persons with citizenship qualifications has been adopted and reads as follows: "No person except a citizen of the United States will be eligible to employment by this board."

Lima, O. Dancing has fallen under the ban of the board and the school teachers, among their other accomplished virtues, must be able to resist the temptation to trip the light fantastic.

San Francisco, Cal. It is contemplated to establish a rule compelling teachers holding regular teachers' certificates, but engaged in teaching special subjects, to hold special certificates.

Grand Rapids, Mich. A resolution offered in the board providing that pupils under the age of four years be admitted to the kindergarten schools was voted down.

Waltham, Mass. The board has ordered that measles be added to the list of contagious diseases.

Tiffin, O. Any teacher absent from duty, not to exceed ten days, receives her regular salary, less the pay of the substitute. No salary is paid a teacher for time absent above ten consecutive days. Substitute teachers are paid at the rate of \$1.50 per diem, for the time actually employed.

Grand Rapids, Mich. A newly adopted rule provides that the marriage of any woman teacher while in the employ of the board shall constitute a resignation. No married woman shall be eligible for appointment as teacher.

Auburn, N. Y. Pupils are not allowed to sell tickets for entertainments in the schools.

Providence, R. I. A new rule reads as follows: "Teachers shall not sell stationery or any article whatsoever to pupils under their charge; provided, however, that text books may be sold at cost prices by the school department, through the teachers, under such rules and regulations as the superintendent shall prescribe."

Neola, Ia. A new rule reads: Pupils must make reparation to the district for any damage done to loaned books in their possession whether said damage be done in the school or in any other place.

Pittsburgh, Pa. It has been proposed to abolish the examinations which are now required of pupils upon entering the high school, except in language and mathematics. That the certificates of the ward school principals be a sufficient passport for the candidates who desire the higher branches of a public school education.

## Duties and Rights of Board of Education.

R. E. DENFELD SUPERINTENDENT OF SCHOOLS,  
DULUTH, MINN.

Much has been said and written on this subject, but, strange to say, until recently it has come largely from the professional side.

Employees of boards have taken it upon themselves to outline the duties of boards. The movement inaugurated for the purpose of bringing together the professional and the non-professional—superintendent and board of education—has resulted in healthful agitation, and has stimulated thought as to the province rightfully belonging to each. Out of this agitation there will come good, and in the end the relation each bears to the other will be better understood and more clearly defined. This is one of the hopeful signs of the day.

What I may say, I trust, will not be regarded in the light of criticism, or be construed as enlarging upon the difficulties which the superintendent encounters in the discharge of his duties, but as the opinion of one who, for the time being, has endeavored impartially to view both sides.

The law constituting and creating boards of education makes express provisions as to their functions. As a rule, members have not the time, nor are they well enough prepared, consequently a superintendent is usually employed in whose hands is placed more or less authority. The latitude allowed in conferring responsibility may, therefore, be made as great as the board's interpretation of the superintendent's duties. Boards composed of men of common sense, sound judgment, a broad grasp of business principles, a proper conception of the work and sympathy with it, need not fail in so arranging the duties of each that the professional employee will be given all that could reasonably be expected.

Time was, under the old district system, when boards of education were competent, from a professional point of view, to supervise the work of the common schools. Later, the demands made upon the public schools required of the one superintending, special preparation, and it became expedient—yes, almost imperative—to employ such specially qualified individual to pass upon these demands, and to exercise a nice discrimination in selecting the line of work that could easily with profit be included in the school curriculum. This state of affairs had a tendency to widen the gap between the professional and the non-professional; and today, in the more advanced communities, the duties of the board are largely those of business and legislative.

The very employment of a superintendent by the board of education is a confession of its ignorance in matters of educational policy, and at the same time a profession of inability to carry on the schools without the help of the educational expert. There still remains to the board a large amount of work that may be characterized as pure business, which they alone can do, and for which they will be held accountable to the public. From this point of view I desire to treat the subject.

While I am not necessarily a believer in the assertion that the only way to cure existing evils is through more legislation, I still feel that the present law or laws can be so construed that the duties performed by each—the superintendent and the board—may be so differentiated, as to give to each sufficient responsibility and the power to maintain it, and at the same time guard against conflict and confusion. I would not put the ax to the tree to fell it, and plant another in its place; but rather lop off such branches as appear abnormal, preventing symmetry and beauty, and in this way make the

tree as useful as possible for the purpose for which it was originally designed. An experience in point is that narrated by Mr. Lowell, a member of the Boston school board. Under the existing law it seemed impossible to fix responsibility. The board, therefore, tried to overcome this through legislation. Finding themselves defeated in this attempt, they scrutinized more closely their power under the law, for the purpose of putting into the hands of the executive—the superintendent—authority sufficient to maintain his responsibility. They found a liberal construction of their powers possible, and had at hand the remedy which they supposed lay in legislation. Look well to that which is stated in the organic law and then interpret it.

All laws, however, are not so liberally drawn, and some cities can only comply with progressive demands through the medium of new laws, which are so carefully drawn that the board and superintendent have their functions clearly defined. The duties of boards are necessarily those of great and grave responsibility from the very nature of the work devolving upon them. The scope of that work, as stated by a speaker in the school board section at one of the national meetings, is set forth in these words:

"School boards exist because they hold an important place in school economy; they are the medium between the parent and the school. It is through them that the populace received value for their expenditures in the education of the children of the community; hence the province of the school board is to create and maintain educational advantages suitable for the needs of the community and to direct the expenditure of wealth for such maintenance in the lines of greatest and wisest economy."

This makes the community's needs and resources important factors and may account for the great difference in the school systems of different sections; and even for the lodgment of authority and responsibility unequally under the same general law. Accepting, then, for the most part, the statement of the writer just quoted, one might still broaden and state more

(Continued on page 7.)



THE SPELLING REFORM HAS BEEN INTRODUCED IN THE PRINCETON, ILL., SCHOOLS BY THE SCHOOL BOARD.



## The Duties and Rights of the City Superintendent.

S. S. PAER, Superintendent of Schools, St. Cloud, Minn.

In this discussion, the words "rights" and "duties" will be used to include those meanings which arise from the rule of law, and, also, those significations which depend on moral considerations which are embodied in the statute.

The free public schools are the creation of the community as a whole. They are sometimes called state schools, and the implication is attached to the term that the state is something other than all of us acting together for certain specific ends. But there is no real ground for turning the state, or the supreme power, into an abstraction apart from the people who compose its subjects. Government is one of the instrumentalities of the people as a whole, and its relation to the public school system is purely that of an agency.

In this country we try to realize the old Anglo-Saxon idea of local, self-control of all public interests which are circumscribed in their practical application. The unit of school organization is properly the single district, or territory supporting one school or group of schools. The school board is the agency chosen by the people to manage the educational interests of the district. Its purpose is the realization of the highest effectiveness possible in the schools under its control.

Two conditions make it necessary for the public school board to entrust a large part of its business to delegated agents. One of these is the fact that, except in rare cases, members of boards do not give their time to school business, and so cannot become responsible for details. The other element is the necessity for expert intelligence in the conduct of a highly wrought system of education, a kind of skill which the layman cannot furnish.

The duties and the rights of the city superintendent grow out of this situation. On the one hand he is concerned with carrying out untechnical details which fall into his sphere because he is the only person available for their execution. On the other hand he is an educational expert entrusted with the definition, organization and administration of those technical concerns which arise from the application of special ideas on school education. These are essentially different fields. The one consists of the material and secondary elements in maintaining schools; the other comprises those conditions which are directly involved in the action of one mind on another incident to the process of teaching.

Stated in another way, particularly with reference to smaller cities, the superintendent is foreman of the board to carry out details which pertain to the location and construction of buildings, the arrangement of boundaries, the assignment of pupils and teachers, the procurement of supplies, the direction of janitors and the daily conduct of the schools. These are things which are proper subjects for controlling persons whose knowledge is general and untechnical. They are within the scope of the representatives who are elected by the people for the conduct of their educational business.

The other functions of the superintendent are concerned with the processes of teaching and direction of the pupils' minds. These elements of school work exist in a different realm from that occupied by buildings, grounds, fuel, supplies, labor and like material things. They are immaterial and consist of mental conditions peculiar to division of labor in the conduct of schools. They demand special knowledge, expert facility of action and that form of experience which is derived from practice of an art

under systematic criticism. These forms of intelligence constitute the inner circle of school direction and, so far as such a term has any significance, are professional.

### DUTIES.

What, then, are the legal duties of the city superintendent? An examination of the school codes of something like twenty states shows that his actions are not defined by statute. At most, the school law contains but a brief provision which authorize boards to elect a superintendent, and to fix his duties. In Massachusetts there is provision for certain classes of teachers. After a given period of service, to appeal from the action of boards, but I have been unable to decide that this right belongs to superintendents. In that and other states they are the creatures of the board of education and hold office at its pleasure. Their duties range from the gathering of statistics to broad directive power. Among large cities, Baltimore appears at one extreme of the scale, and Cleveland at the other. In the former the superintendent exercises his chief function in gathering information for the board, and transmitting their decisions to teachers and other subordinates. He has comparatively little to do with choosing teachers and ordering the processes of education. In the latter the superintendent is chief of the information bureau, and, besides, has almost absolute control in selecting teachers and determining their work. In our own state the same types prevail. Some cities have superintendents who are almost exclusive by executive officers, attending to details arranged by the board. These are in the majority. Others allow their superintendents to select their school room subordinates, and arrange the work done. It would not be in good taste to name the cities belonging to each of these classes, but, if it were possible, the superiority of the plan by which expert action is entrusted to the superintendent could readily be established through comparison of the relative efficiency of schools in the two kinds of places.

There appears to be no exception to the rule that the regulation of the city superintendent's duties is left to the discretion of local boards. This is the fact which confronts us. It is a condition and not a theory, and naturally the question arises: Would the interests of education be better served by having the duties of this officer defended by statute? In answer to this, it is fair to say that present tendencies point in the direction of more exact definition by legislative enactment. At a certain point local definition breaks down. It falls to the ground for want of breadth of view, continuity of management and the pressure of self-interest. Perhaps we are not yet ready for uniform law determining the sphere of city superintendents' duties. The plan of limitation by individual authorities has not been on trial long enough to determine either its success or its failure. Another consideration is worthy of examination. The enlightened common sense of the community is not sufficiently trained and organized to make sure of its effectiveness. We yet scarcely know the A, B, C of the power wielded by educated and organized public opinion. The close of the twentieth century will be much better able to judge to what extent it can be trusted than can the sunset of the nineteenth.

The moral duties of the city superintendent are summed up in a single principle of action. He should realize in his abilities and his education whatever is necessary for the welfare of the schools under his charge. He should be above mediocrity, a citizen of the republic of letters, a strong and well-balanced thinker, free from idiosyncracies, a man among men; he should be well acquainted with the processes of prac-

tical teaching, and be familiar with the historical development of education, abreast of progress and ready to hear all things and hold fast to those that are good. A good average member of the class needs to be sympathetic toward children, and kind and courteous in bearing towards parents and teachers. Possessing the milk of human kindness, he should be unrelenting in opposition to fads, jobs and educational tinkers. To be equal to these duties, the incumbent must exercise eternal vigilance, and be wise and fearless. Lacking in the qualities of a large and well-balanced mind, realizing less than the equipment of all educated gentlemen, armed with anything inferior to a good working knowledge of children, teaching and the duties of his office, he must eventually fail, and in his downfall bring calamity to the trust under his charge.

### HIS RIGHTS.

The legal rights of the city superintendent are not yet differentiated from those of other classes of citizens. The law of contract applies to his employment and his retention. The same as to the tenure of other salaried agents. His acts bind his employers in like manner. If one feels discontent at this view of the case, he meets the difficulty inherent to singling out a given class for special protection and privileges. There is nothing to be said of him which is not true of any other of the expert employments on which the welfare of the community depends. The doctor, the lawyer, the minister, the sanitary engineer, the pharmacist, the architect and many other public servants have as good reason to expect the favor of protection, as to pay and tenure of place, as has the superintendent of schools. The state takes care to protect itself from the incompetence of some or all of these kinds of special workers. Not less ought it to surround the city superintendency with safeguards to insure competency. No more, certainly not less, is this office entitled to the protection of law in keeping out the unfit, and in the opportunity to hold place without interference for unworthy reasons.

The troubles connected with what may be called the moral rights of the city superintendent are due to two principal sources: the unfitness of individual members of the calling, and the unformed state of public sentiment. That many administrative heads are either in part or wholly incompetent does not admit of a moment's question. This is a condition incident to the newness of the office and to the unorganized state of public school sentiment and the consequent lack of real system. It is not peculiar to education, but is common to it and other public interests. Those who are unfit ought to be eliminated; they have no claim on the schools. They should be treated as ruthlessly as when aroused as the community handles predatory, foolish and incompetent directors and other servants.

No sort of legislation should bolster either the one class or the other. Law is not a panacea for ills; it may have a dubious value as a means of arousing popular attention, but, unless backed by intelligence and favorable sentiment, it breaks into nothing, and in the end may prove detrimental.

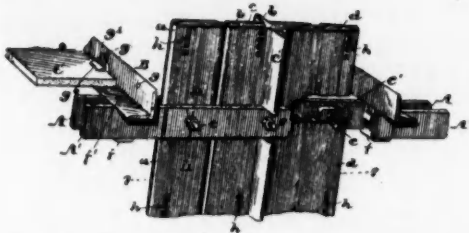
Besides these considerations there is another; superintendents should avoid the suspicion of self-seeking. Nothing could be more detrimental to their true interests than to allow the impression to go abroad that they are seeking to bolster themselves in their places. This view of their efforts would work infinite harm. No other class of school workers is so dependent on good will and belief in their honesty and straight-forwardness; hence none should shun so zealously whatever reflects on their standing on these matters.

(Continued on subsequent pages.)



Recent Patents.

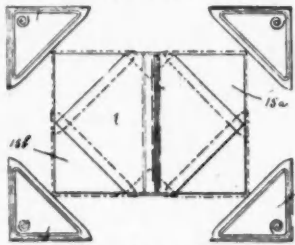
ADJUSTABLE LIBRARY SHELVING. David E. Hunter, Cambridge, Mass.



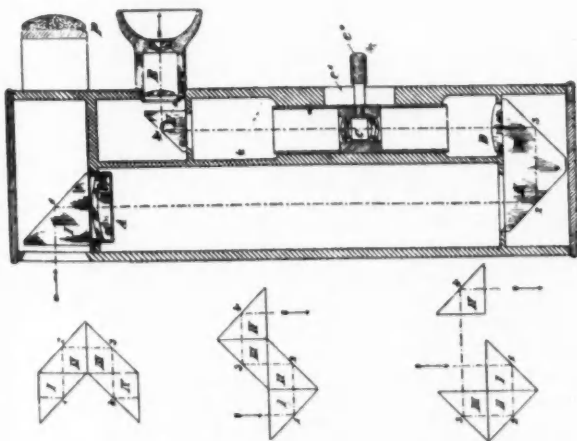
In combination with a standard having ledges, a shelf, provided with supporting devices therefor, a plurality of said devices being permanently mounted in each end of the shelf, means for simultaneously moving said plurality of supporting devices out of engagement with the ledges, and means to automatically move said devices into supporting engagements with the said ledges.

BOOK-COVER PROTECTOR. George Cornwall, Port Chester, N. Y., assignor to Harry C. Cornwall, Wyoming, N. J., and Helen Kitchen and James K. Irvine, New York, N. Y.

A book-cover protector comprising a central backing sheet of approximately square shape adapted to be placed upon the book-back with one of its diagonals extending along the central back line of the book, and four corner pocket-pieces adapted to inclose the corners of the book-back and be secured to the backing-sheet at their meeting edges.



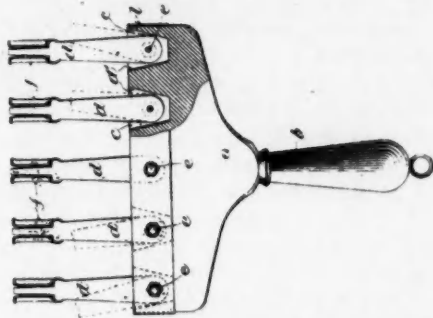
TERRESTRIAL TELESCOPE. Carl Pulfrich, Jena, Germany, assignor to The Firm Carl Zeiss, same place.



The combination with a terrestrial telescope a telescope provided with a lens system for erecting the inverted image having means for altering the magnifying power by moving the erecting-lens system, of four reflecting-prisms adapted to deflect the optical axis four times at angles of ninety degrees in the same plane and in such a way, that parts of the broken axis are situated side by side, substantially as and for the purpose set forth.

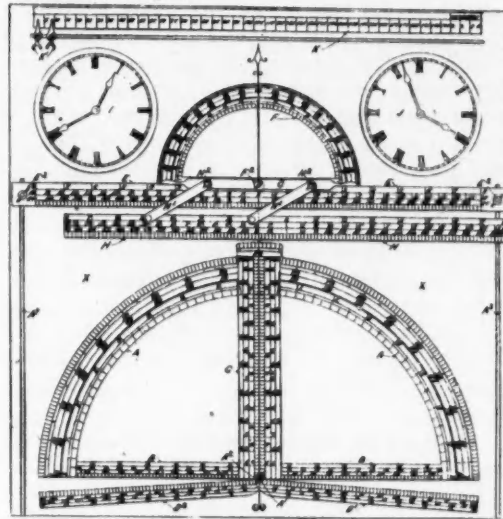
ADJUSTABLE BLACKBOARD-LINER. William L. Murphy, Boston, Mass.

A staff-marker comprising a suitable stock or base, a series of elongated flexible arms secured to said stock, said arms being provided near their outer ends with resilient clips or fingers suitable for retaining crayons, combined with a yieldingly-mounted rest and guiding-roller *r*, as explained. The invention is the work of Prof. W. Lawrence Murphy, sub-master



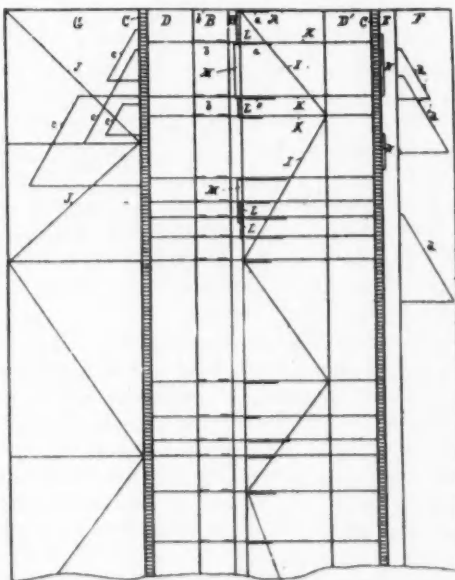
in one of the Boston schools. The utility of the invention is plain. A number of lines can be drawn accurately and well with a promptness that cannot be obtained in any other way.

INSTRUMENT FOR FACILITATING TRIGONOMETRICAL ADMEASUREMENTS. Francis J. Bayldon, Horn-castle, and Arnold H. Armstrong, Stockton-on-Tees, England.



A calculating and measuring instrument, consisting of a base-board having a fixed protractor provided with a graduated base, a graduated vertical, and a center pivot, movable radial pointers mounted on said center pivot, means for clamping the radial pointers in the required position on the pivot, a graduated bar slidable in engagement with the base-board, parallel with the base of said protractor, and means for clamping the sliding bar in position.

CHART-FORM. Arthur H. Rice, Buffalo, N. Y.



A chart-form consisting of a central character-column A, parallel date index-columns C, C, contiguous thereto, parallel columns for recording civil and military events, D, D', horizontal reference-lines connecting the historical facts recorded in these columns with the date index-columns, and columns, F and G, outside the date index-columns for the recording of literary and political facts.

Among Superintendents.

Albany, N. Y. The annual report of the state superintendent of instruction contains the somewhat remarkable statement that the number of children of school age in the cities of the state in 1898, as compared with the number in 1897, shows a decrease of 113,476.

North Adams. Supt. Hall says that the first element of patriotism is enthusiasm under the influence of a noble and an ennobling ideal. It is not only one of the chief elements of patriotism, but of education itself.

Philadelphia, Pa. Supt. Brooks, in a recent address, stated that the training of teachers must be pursued along two lines—one in the direction of scholarship, and this must be supplemented by a purely professional training.

Malden, Mass. Supt. Gay says that when he was appointed superintendent he was very anxious to learn his business, and one of the first things he did was to call the ministers together, as he knew they were close to the people. He asked them what criticisms they had heard. No minister had made any criticism. He then asked the physicians. Not a physician had ever reported a single criticism. He next asked the Woman's Club to tell what criticisms they had to offer, he thought they would be likely to know the faults of the schools. But they had not a criticism to offer, instead, they paid him \$10 to come and make an address before them.

Nashua, N. H. Supt. Fassett has recommended the introduction of manual training in the high school.

Springfield, Mass. Supt. Balliet says that the kindergarten is a school where there are specific means for a specific end.

Hon. W. W. Stetson, state superintendent of schools of Maine, states that there has been a rapid increase in illiteracy in New England during the past twenty years, and proposes that a board of inquiry be appointed to collect the facts and suggest remedies for the evils discovered.

Springfield, Ill. State Supt. Bayliss has expressed himself as opposed to state uniformity of text books on the ground that it would result in giving the school children inferior books and in placing the teachers at a great disadvantage.

President James H. Canfield, of the Ohio state university, in a recent address, said: "Every state in the Union ought to put the best man possible in the superintendent's chair, and put him there without regards to party affiliations, party assessments or party campaigns, and keep him there until it was sure of getting a better man. People and parties must come to feel that we can get along very well with respectable mediocrity in other official positions, but that it takes a full-sized man and a grand man to marshal the armies of youth."

Los Angeles, Cal. State Supt. of Schools T. J. Kirk, in an address on "Some Thoughts for the Consideration of the Teaching Force of the State," said: "Contrary to the statement of some that 'teachers are born, not made,' he maintained that they were both born and made. The best teachers of arithmetic are those who have studied into trigonometry, algebra and the higher mathematics. So the best teacher of grammar is the one who has gone deepest into rhetoric and the highest forms of the language. The progressive teacher is a thinker and reader. Skilled teachers, as skilled laborers in every field of business, are wanted, not those who engage in the pursuit of instructing others merely as a livelihood." He said that it has been estimated that there are 2,000 unemployed teachers in the state of California. He would not vouch for the truth of the statement, but said the paramount question is, not more, but better teachers. Nowhere, according to Supt. Kirk, are the rank and file of teachers so well paid as they are in California.

## Commercial Education.

OPINIONS BY THREE BUSINESS CONCERNS ON PUBLIC COMMERCIAL SCHOOLS.

### An Instrument of Modern Intercourse.

This is the age of material progress. Its pioneers are the inventor and the mechanical engineer. In every field of human endeavor the demand for more work with less effort has been met by the production of labor-saving devices. In these devices, experience and competition have led to such improvements in range and quantity of work, that a concern not provided with these facilities must stand before its competitors very much as the Indian stood before his fully equipped conqueror.

Sound education anticipates the requirements of our life work, and fits us to hold our own in competitive effort. As no professional or business house is likely to be found without a full equipment of these devices, it is evident that some knowledge of their use and a measure of skill in their management are needful qualifications for efficient service in a modern concern.

The typewriter is the instrument of modern commercial intercourse. It bears the burden of detail work in all the professions. The extent to which it is used is a fair measure of the advancement of any community; for, in the most progressive centres, it is now part of the home outfit. Apart from the direct advantage gained by the power to place words on paper in faultless style and in less than one-third of the time used by the swiftest pen, the uses of this machine are increasing with its improvement, and its management, even now as necessary as a knowledge of handwriting, will soon become more important to those who are earning their bread or seeking their fortunes. Again, exceptional skill comes to some fortunate mortals as a natural gift; and to these favored ones a paying career is opened by this knowledge alone.

To any thinking man the self-evident advantages of the typewriter ensure its use in the near future for practically all the work still left to the pen. In addition to that, there are many valuable uses opening to it which no other device attains. Can anything be more necessary, as a fundamental part of education, than a knowledge of the machine upon which the world must depend for its writing?—*From the American Writing Machine Co., 237 Broadway, New York.*

### Their Existence an Argument.

Your editorial in the January number headed, "Public Commercial Schools," was read with interest. It seems to be true that young men who leave the public schools, in but few instances are fitted to enter positions where their knowledge of business methods entitles them to wages much above those paid to the office boy. They have to be educated in business from the ground floor. They have had no start. In connection with the necessary studies for mental training, there should be provided some course whereby these future business men may early learn simple business methods and rules and be given a training along thoroughly practical lines. The large percentage of public school pupils do not go to college and do not enter the professions. They are, and probably have to be, content with a grammar or high school education. They drift into clerkships, into factories and into all lines of commercial endeavor. The public schools are doing much, but it is still a question worthy of debate if they cannot do more, in the higher grades at least, that will be fitting young men or young women to be valuable immediately on leaving school. Commercial methods should be taught in an elective course. Such classes, no doubt, would be large. If there

was not a demand for educational advantages of this character, the two thousand strictly commercial colleges and shorthand and typewriting schools in this country could not thrive. Their existence is an argument for commercial instruction in public schools. A knowledge of bookkeeping and accounts is valuable to any person, and when this knowledge is supplemented with proficiency in stenography and typewriting and backed by the courses from low to high grades in the public schools, pupils can enter the business world well equipped. Success will depend upon individual characteristics and individual efforts. Stenography, besides being a practical study, is a wonderful trainer for the memory, eye, ear and hand. The application required to master the study is also valuable. The same is true of typewriting, and that, besides being highly practical in these times, promotes correct spelling, punctuation, a proper use of capital letters and the arrangement of sentences. In this regard it might be taught to advantage in the lower grades. Knowledge of both is good capital for any young student. Stenographic positions are but stepping stones to something higher. Many young men well advanced in successful business life owe their positions to faithful devotion to their employers' interests while acting as stenographers and typewriter operators. Such a relation is confidential and opportunity is daily afforded to gain an understanding of business methods that cannot be purchased. The entire question is one that should, it seems, have had the serious attention of boards of education long ago.—*From the Smith-Premier Typewriter Co., Syracuse, N. Y.*

### Anent the Commercial Department.

The commercial department should be established in the high school, because the people need it and desire it. Heavy taxes are paid to provide for our children the most beneficial education. Under present circumstances not more than three out of every one hundred of those that enter the high school justify the plan, the expense, or the time, by taking a college or a university course.

Heretofore the colleges and universities have indirectly prescribed the high school courses. They have been fashioned apparently with the presumption that every school boy and every school girl would eventually take a college course. Granted that such a course is highly desirable, is it not unjust to decree that ninety-seven shall receive an impractical training because three desire to prepare for college at the public expense? True, the study of Greek and Latin, Hebrew and Sanskrit, provides good mental drill, which is of value to the pupil even though he study only a month. But these are dead languages. As the editor of *Learning by Doing* says, in his own inimitable way, "Why hammer away at intellectual stumps, when there is plenty of cord-wood to cut?"

Would it not be more reasonable that the three should pay tuition in a private preparatory school than that the ninety-seven should pay tuition in a private business school for the training they must have to fit them for the only vocation open to them? Do not the three usually represent a class better able to pay private tuition fees than the class represented by the ninety-seven?

The fundamental branches of learning have been superficially taught. A mad desire to skim the surface of the languages, sciences, and higher mathematics, has laid upon the minds of mere children a weight of study that can be properly carried only by the mature faculties of manhood and womanhood.

Until recently, when the wheels of thought began to spin, they were started out on the main line, whose terminal station was the college or

university, with its inflexible courses preparing for literature, law, medicine, and theology. There were no branch nor side tracks for those whose circumstances, desires, or means did not justify a through trip. Now it is becoming different. Manual training, commercial departments, and elective courses are providing the educational elasticity required by a great people with varying tastes, desires, capacities, environment, and prospects.

A large majority of our boys and girls will be engaged in mercantile pursuits within ten years from the time they leave school. They should receive, in school, a sound knowledge of the science, and a facility in the art, of those branches most used in business, viz., reading, writing, spelling, arithmetic, language, correspondence, bookkeeping, and such supplementary or auxiliary correlated branches as it may be possible to teach well in a course of reasonable length. In selecting the latter branches, culture as well as utilitarian values should be considered. Wise selections may be made from these subjects: industrial geography, commercial law, history of transportation, banking and trade, shorthand and typewriting, civil government, both national and state, the elements of political economy, American literature, English literature, general history, German or Spanish, through the entire course, the elements of natural philosophy, chemistry, as used in industrial arts, algebra, United States history, English history.

Such a course will train pupils to step from the school room into responsible industrial positions, ready to assume their duties with a minimum loss of time in becoming familiar with the methods of business life. It will give such power to generalize, such a knowledge of the machinery of civil government, and such an introduction to science, literature, and history, as to prepare young people to enter the world of practical affairs early in life, while hope is high, ambition strong, conscience powerful, heart pure, mind keen, and body vigorous. It will not make them—as is the tendency in most of the other courses—dreamers "of great things to do by and by;" mere bookworms, walking encyclopedias of knowledge that they cannot use to practical advantage; the worshippers of a classic age, whose methods could, at best, do little to add to the comfort and benign influences of the home; purify municipal government, correct the abuses in church, society, and state; help us to develop the wonderful resources of our country; or carry the blessings of modern civilization to the benighted of less favored lands.

The prospective danger, and therefore disappointment, in the commercial course is in the dominance of scholasticism to such an extent that the course is only nominally "commercial." In many of the courses thus far submitted, several of the fundamental branches, upon which long and thorough drill should be given, are omitted. Other strictly commercial subjects, such as bookkeeping, shorthand, and typewriting, are allowed so insignificant an amount of time, and are assigned to such an anomalous position, in relation to other studies, that, to the experienced commercial teacher, it is quite evident that the courses were prepared with an entirely inadequate conception of symmetrical arrangement as to time and sequence.

If the branches to be taught are wisely selected; if sufficient time be given to acquire facility in the arts of spelling, composing, computing, accounting, writing, etc.; if proper facilities are provided; if commercial teachers of experience and good general training are chosen, the commercial department in the high school ought to become, will become, the most successful feature of secondary education.—*The Practical Text Book Co., Cleveland, O.*



# Duties and Rights of School Boards.

(Continued from page 3.)

concisely the province of the school board by saying, it is their duty to furnish such educational advantages as will secure the best opportunities for the training of every boy and girl into good citizenship, so far as the community's needs and resources permit. This makes the function of the board intensive and extensive. The state has clearly defined the board's general duties in express terms, although it has left much to be implied, and in formulating a series of rules and regulations it is forced to rule upon the interpretation of the law as to what is absolutely required and how best that can be brought about, and what duties are necessary to make the authority and responsibility commensurate.

It is important at the very outset that there be positive and proper organization in conformity with the organic law. The selection of a president, of a man of character, clear-headed and well-poised, neither conservative nor extravagant, but progressive and open to conviction; one who can direct the policy of the board into channels of great usefulness, would mean much for the general efficiency and standing of the board. This officer can secure these ends through the appointment of committees and the advocacy of suitable and wide-awake measures calculated to magnify the educational side. Boards are variously constituted in regard to their working machinery, though the general aim should be to adopt the simplest to reach the end, so that there will be no more among the wheels.

The committees should be few in number, limited only to those actually required, certainly not planned with a view to giving each member a chairmanship. In this regard the machinery is apt to be very cumbersome. My observation leads me to the conclusion that four committees are sufficient, and certainly very much better than more for a board of six, nine or twelve members. These committees should be on finance, buildings, supplies, and schools and teachers. It would be well, as the law governing independent districts indicates, for the superintendent to be a member, *ex-officio*, of each and all committees, and as such he should have a voice in shaping the deliberation of the committee, though not necessarily a vote. His recommendations, whether in the shape of argument or otherwise, should be clear and concise and comprehensive as to the merits of the questions discussed. By the aid of these arguments the board would act more intelligently.

With business procedure simple and direct and all matters open to the public, except for good and sufficient reasons, every citizen would know what is actually going on. I do not believe in executive sessions, except on personal grounds. These, as a rule, are a menace, and seriously injure the standing of the board in the eyes of the public.

Right here we may venture the remark that it is the duty of the board to keep the public fully informed upon all matters. The members of the board, coming as they do from the people, should be in touch with them, ready and willing to accept suggestions and follow them if necessary; although they should be intelligent enough to carefully weigh the suggestions, and, if apparently inadvisable, should be equally ready to labor for and lead up to a more favorable sentiment with reference to the measures proposed. Blind following of the people's wish may create endless misunderstanding, and sometimes jeopardize that which is for the best interests of the public.

The man of common sense, good business judgment, honesty, and of sympathetic nature—and only such should be a member of the board of education—feels the pulse of the peo-

ple; understands what and why they demand, and on this account is best fitted to serve them, and is courageous enough to say, "What I shall do most concerns me, not what others think about it."

Such men are always ready to yield to the people at the proper time, and if powerless to change them, can still clearly present the board's reasons for the proposed steps.

All measures that are fully understood by the people will, for the most part, be favorably received, and a strong public sentiment created sustaining the board. I believe that the people, as a rule, are right, although they make mistakes.

True, the average taxpayer looks only upon the long column of expenditures, and his question is one of dollars and cents, primarily. With a clearer insight into what has been done, and why it has been done, his opinion may be made to accord with that of the board. The average board member realizes that the public concerns itself little with what is being done by that body, when the public is actively engaged in business pursuits. At such time there is a tendency to enlarge and expand beyond the limits set in a more conservative period. Expenditures are made that appear unwarrantable or difficult to justify. It has been my privilege to see structures provided for the children of my locality that entailed great expense upon the public, though the structures themselves are none too good, and provided with every modern convenience. The blame, if any, cannot be wholly attached to the board, or to its executive; because in a speculative atmosphere even men of good sense and prudence make elaborate provisions for the future. At such a time it is certainly the duty of the board to be conservative. Expansion, however, is in the atmosphere, and the rising generation is given the benefit of it. All the means and all the privileges that the community can grant are looked upon as necessary.

It is false economy, however, to build school houses that aim only to protect from exposure, and are temporary in their very make-up. In the evolution of the modern school building these temporary structures are doomed to destruction. The history of all school buildings shows that it is governed and controlled by what the people demand. Years ago anything would do for a school house; today proper seating, careful lighting, satisfactory ventilating and heating, as well as good sanitation, are the problems that school boards are in duty bound to acquaint themselves with. They must provide the very best that the district can afford. It may not be necessary for them to put a swimming bath into the basement, or separate bath rooms, although we are told that this will be required in the up-to-date school house. Boards have a right to demand, and they should demand the latest and best information upon these points from the person employed as superintendent. In addition to the school structure, it is evidently within the province of the board to furnish all necessary appliances and apparatus. This does not mean that the board should buy every device that is offered as a plea for making learning easy, or because it is a time-saving machine. It is safe to say that it would be the duty of the board to reject three-fourths of all the so-called "helps" offered for sale. When the Duluth board of education thought of introducing free text books—and this was long before the passage of the state text book law—it was forced to stretch the interpretation of the term, "apparatus, etc.," in order to cover these so-called "tools" of education. It was manifestly right to supply this aid in carrying on the work, and the interpretation brought it about. As the law in many states is more specific on this point, it is certainly now incumbent upon all boards

in such states to provide free text books. The average results are shown in the larger attendance and the higher average term of attendance; and these argue strongly in favor of its adoption by every city, town and village in Minnesota. In line with this is the problem of compulsory education. It is the evident intention of the state that not one, but all children shall be given educational privileges, and required all to avail themselves of them. It is, indeed, good business sagacity; for it is the weapon the state must use to perpetuate and preserve itself. A startling fact confronts us that of the 22,447,392 children in the United States, less than ten million are in attendance in the schools of the land; it is, therefore, a decidedly puzzling question as to how the non-attending shall be brought into the schools. Here lies a duty that boards should not and cannot afford to neglect. If the laws are not specific enough, let them at least be complied with religiously, and let the board enforce them in the spirit in which they were drawn. Public safety demands that boards should not be remiss in this regard. In the matter of economy and efficiency is presented the problem of centralization of pupils from outlying to more central buildings where better accommodations and better paid talent can be provided. If the law cannot be made to cover this point, it is manifestly the duty of the board to appeal to the legislature for such enactment as will permit the necessary expenditure of money. In these matters the public as a whole are exceedingly interested.

Now, as to contracts; all purchases should be made by bids, where feasible, and all expenditures for repairs or improvements should be made by contract; and in the execution of these the strictest possible business principles should prevail. When such is the case, though the sum involved is large, if the contracts are clear, explicit, and within the comprehension of the contracting parties, they will seldom be called in question. The charge of jobbery, boodle, log-rolling, pulls, etc., so often heard, are not made because the amount of money expended is large, but because the people do not understand the expense. In this respect the public has pronounced rights and the board a very clear and plain line of action. This duty has been often and strongly emphasized. More trouble, perhaps, has arisen from failure in this regard than from any other source, because the subject touches the people in a vital spot. Within my own experience I have observed at times a marked degree of looseness in the drafting of contracts and bonds, resulting in endless trouble through litigation and the almost endless difficulty of placing liability. Here is a test of a man's fitness for membership. A person who is unsuccessful in the management of his own affairs, where exactness and business principles are required, can hardly expect to do better when laboring for the public. Here is the rock upon which boards are apt to split, and upon which so many have gone to pieces in times past.

The financial duties of the board are such that they must be carefully guarded, and certainly it should be their right, as well as their privilege, to make the annual levy without the possibility of review by any other body in the municipality. If they are competent as a board, they certainly are competent to say how far they should go in matters of expenditure, and if they cannot do this, their power is so weakened as to make ultimate failure to meet the educational requirements not only possible, but very probable. It goes without saying that there should be no favoritism; that the best fitted to serve the public—other things being equal—is a non-partisan and non-sectarian board, where merit alone is the controlling motive. A con-

(Continued on page 15.)

# THE AMERICAN School Board Journal

DEVOTED TO

School Boards, School Officials and Teachers.

WM. GEO. BRUCE, Editor and Publisher.  
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## WHY YOU SHOULD GO

You should attend the Los Angeles meeting. Every member of a school board ought to. The gathering of school boards will be the most important in the history of the department of school administration. The program is an exceptional one. Important topics will be discussed by men who have spent many years in solving problems in school government. A thousand and one valuable suggestions can be gathered and applied in your own school system. That's why you should go.

## SCHOOL BOARD PRESIDENTS.

In most cities it is customary for the president of the school board to deliver an address at the annual meeting of that body. Such addresses either precede the retirement of the president or the reorganization of the school board. In many cities the address of the president is considered an important official document, as it aims to give a comprehensive review of the work done, together with suggestions for the future.

In examining these addresses as they reach us we find not only interesting reading, but unique literature as well. For instance, some of these documents are merely laudatory of the work performed, without stating in what particular the work has excelled. Here the unconscious egotism, so common in nearly all communities, that "we have the best schools in the country" crops out in peculiar and sometimes amusing form.

Local pride is an essential to a wholesome growth. It stimulates to continued efforts in the right direction. With local pride run to seed, however, follows a dangerous egotism.

The president of one of the larger cities, which has been inflicted with a so-called "reform" school board law, devotes his whole address to the beauties of the new law, and the present cheapness of running the schools. His address starts out with the idea that he must speak merely for the purpose of closing the year's work of the board gracefully.

This form of superficiality is manifested wherever men have been placed at the head of the school board who, while they stand well in their own communities as citizens, lack that intense interest and enthusiasm for the work in hand, which is so essential in attaining desirable results.

The president of a school board should be in close touch during his entire term with every phase of school government. He, as the head of the school system, should watch with paternal care and interest every movement, put himself not only in direct touch with every committee, but also keep himself informed on the labors of the professional workers. Unless he does this he will be unable to say whether actual progress has been made or not. In fact, unless he does this he will not even detect retrogression—should it exist in his school system.

The annual address, in order to be of value to the board and the public, must be concise, lucid and comprehensive. It must review the actual labors performed by the school system; it must emphasize the immediate needs; it must sum up experiences, draw conclusions, offer suggestions for strengthening weak places—and bettering even that which is good. It must cover the financial or the business ends of the system as well as touch intelligently upon the professional or educational side. In brief, it should be a document that is thoroughly progressive—and one that will serve as a source of information to every new member of the board, as well as give guidance for future action by the whole board.

## MALE OR FEMALE TEACHERS.

Supervisor Hitchner, of Bridgeton, N. J., in a report to the school board, advocated the employment of more men teachers, and, among other things, said the following:

"I believe that all suitable means should be used to put a larger proportion of men teachers in the higher grades, as positions therein may hereafter become vacant, and, if it be found necessary to the securing of this end, that higher salaries be provided for men than for women in these grades.

The attempts made in recent years have been three in number, of which the first and most promising found expression in a company which was to control the output of the leading factories. The company was not a success—first, because it sought to maintain a high price; second, because it had not figured sufficiently upon the smaller manufacturer. The plan of organization seemed a feasible one, the policy, however, of rule or ruin adopted, was ill-advised and met with well-merited rebuke.

"The paying of higher salaries to men than to women of the same ability and training, is not an unjust discrimination. The superior physical endurance of a man makes him, relatively speaking, more valuable in the school system. It has been felt

for years, and in most graded schools, that the proportion of men teachers is too small. It is not intended here to argue which sex is the abler in teaching, but to urge that men are indispensable in the upper grades. Teaching is a work for which some men have a remarkable natural fitness, and to refuse such an opportunity to teach is to deprive the world of an advantage.

"Possibly, some of you will not agree with my views, and possibly a majority will not agree to the proposition to pay men higher salaries than women, both possessing the same intellectual ability, but there are numerous reasons for this, besides those assigned above. It is not needful to assign them. A man cook is paid more than a woman; so is a man doctor in a child's hospital. A man directs things from a man's point of view, and this point cannot be fully understood by women."

## THE PRICE OF SCHOOL FURNITURE.

In several sections of the United States the recent advance in school furniture has been earnestly discussed and the reasons assigned therefor. Those who have watched the industry for the past ten years and who have reviewed in a fair manner the present conditions will concede the justice of, at least, a reasonable advance in price. No one will complain if a steadiness in prices is achieved. While it may be said that the immediate cause in the advance is due to an understanding among the manufacturers, it is equally true that the advance in material and labor has had even more to do with it. Lumber and iron have made a remarkable jump in values, and no matter how ruinous the competition among the manufacturers would have been this year, the ultimate price on school furniture would have been materially higher. Again, labor commands a higher compensation. Some factories that have paid as low as \$1 per day for skilled labor in order to enter the market at low figures, are now obliged to pay \$1.50 per day, while others pay a higher rate. This makes an advance on labor alone of 50 per cent. and over. Material has advanced all the way from 25 to 100 per cent.

Thus the advance in school furniture, as far as it has come to our knowledge, is within bounds of reason. We should discountenance vigorously any advance made merely for unfair gain on the part of the manufacturers. The latter, we have again and again shown, have had a hard time of it during the past ten years. The general stagnation of trade affected their interests seriously, and while failures were common, we are reliably informed that at the beginning of the present year nearly every one of the present companies showed a balance on the wrong side. Thus an advance was not only warranted, but necessary.

If prices are quoted which are exorbitant, considering the cost of iron and lumber, the process of manufacture, distribu-



tion, etc., school boards should ignore them. Competition is still alive. There are plenty of factories who turn out a fine product at reasonable prices. Ruinous competition should be discountenanced by school boards, as well as avoided by manufacturers. It means a cheapening of the product and a resorting to sharp methods, which, in the end, can mean no good to the schools.

An honest school desk—one in which the material is of the best, and on which skilled labor has been employed at living wages, produced by a reliable manufacturer, should always be sought. A reasonable price should then be paid. That is the right price—and the right price is always the cheapest in the end.

#### GOOD SCHOOL BOARD QUESTIONS.

In gathering information for the formulation of a program for the National Convention of School Boards by the Executive Committee of the Department of School Administration, N. E. A., a number of good questions presented themselves. While the committee was unable to avail itself of them, they are, nevertheless, good questions, and should be discussed at school board gatherings.

Among them is a set of questions presented by an Illinois school board, which we present herewith:

Have school boards, through their teachers, authority to correct pupils for offences committed on their way to and from school?

If pupils assemble after school hours, either on the school premises, or elsewhere, and commit offences, have school boards, through their teachers, the right to correct them for such offences?

Which school boards, other things being equal, are likely to be most efficient, those com-

posed of from three to six members, or those consisting of from twelve to twenty-four members?

In whom should the power of appointing and discharging teachers be vested, the school board or the superintendent?

Should school boards allow contributions of any kind to be solicited in the public schools for any purpose whatever?

In the case of sick teachers, how much of their salary, if any, should be deducted during their absence from school duties?

Should superintendents and teachers be appointed annually, or for a term of years, or during good behavior?

We invite answers on the part of school board members to these questions, and shall be pleased to give them publicity in these columns.

#### WESTERN SCHOOL BONDS.

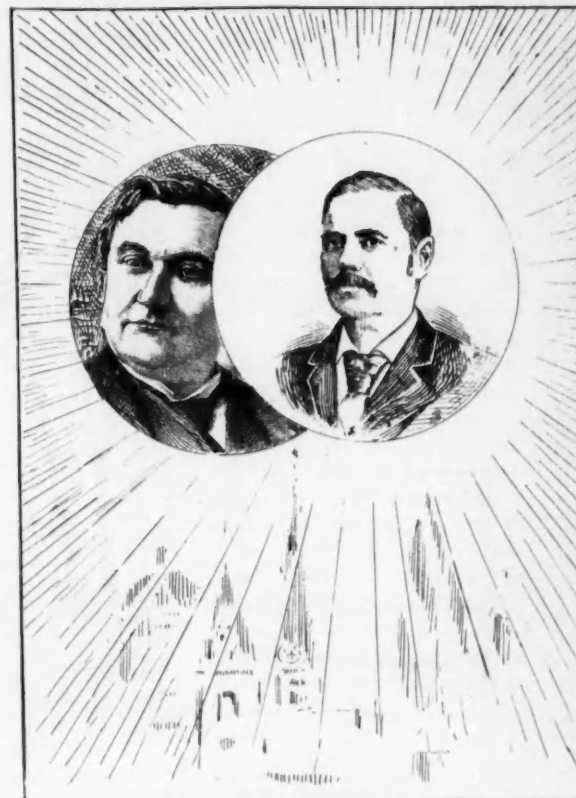
The condition in the Western states regarding money matters has, no doubt, undergone a great change for the better within the past year. Those who have been in possession of school bonds will realize this. School furniture, school supplies, school book houses have been obliged for some years to carry considerable school paper without knowing when the principal would be paid. The treasury of the National Educational Association has also been holding some of these bonds whose value at one time seemed exceedingly doubtful.

It is gratifying to learn that hundreds of school districts of the Western states are redeeming their bonds, and in many instances are taking the initiative in finding the holders of bonds. For instance, J. H. Garside, vice president board of education, at Atchison, Kansas, is making an effort to find the holders of school bonds amounting to \$65,000, being desirous of calling them in for redemption.

Not only will this favorable condition be gratifying to all those having dealt with school boards, but also to those intending to have further dealings with them. This condition

of things will mean new school houses, and a better and more complete school equipment than have ever been enjoyed in the various school districts of the West before.

School board members should make a special effort to attend the national meeting at Los Angeles. Those residing in the Pacific coast states can avail themselves more readily of this great opportunity. Reports indicate that the cities in California, Washington and Oregon will be well represented. The Eastern states, notwithstanding the long distance to be traveled, will have a good representation.

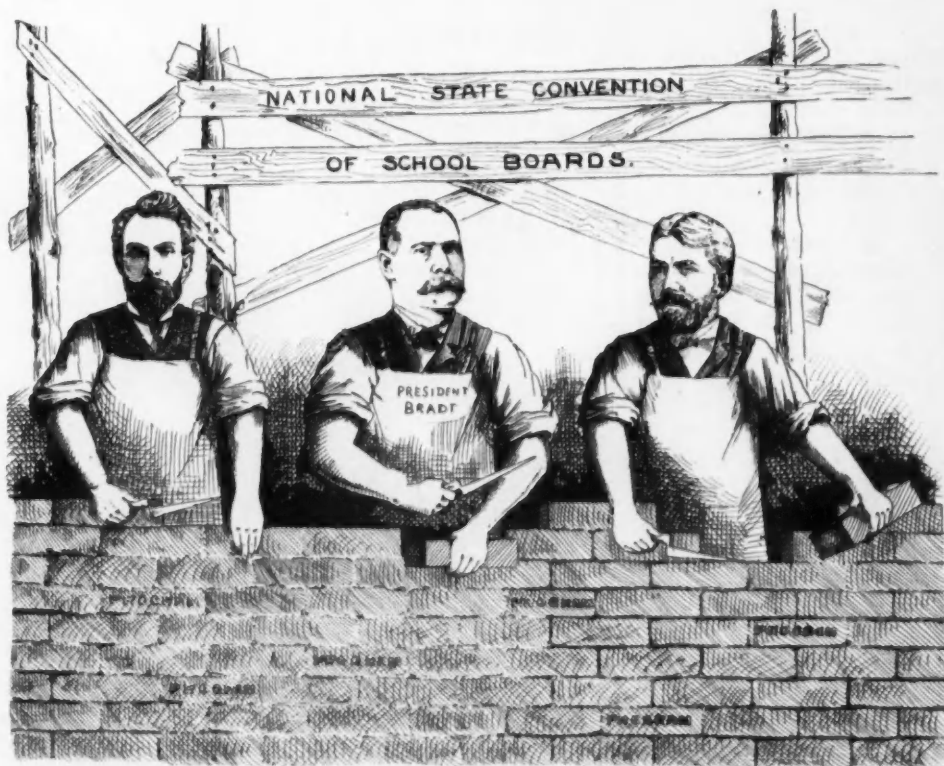


AN EDUCATIONAL SOLAR CHANGE.

GEORGE B. LUCKEY IS SUCCEEDED BY SAMUEL ANDREWS AS SUPERINTENDENT OF THE PITTSBURGH SCHOOLS.



MAYOR VAN WYCK, OF GREATER NEW YORK, LISTENING TO PETITIONS PRESENTED BY TEACHERS.



PRESIDENT E. F. BRADT, AND EXECUTIVE COMMITTEE, BUILDING THE PROGRAM FOR THE MEETING OF THE DEPARTMENT OF SCHOOL ADMINISTRATION, TO BE HELD AT LOS ANGELES, JULY 13-14.

**Finance and Building.**

Greater New York will erect eleven new school buildings this year. The expenditure will reach \$8,000,000.

Martinsville, Ind. President F. T. Singleton and Secretary E. M. Sweet of the board of education tendered their resignations to the common council for the reason that the council had refused to vote \$15,000 for a new school building. The resignations were not accepted.

Poughkeepsie, N. Y., has decided to charge non-resident pupils in the high school \$40 a year. It costs on an average \$44 a year to teach the pupils.

Cleveland, O. A labor union sent a communication to the school council asking that body to use its influence to prevent contractors who are erecting or repairing school buildings in Cleveland, from employing outside labor. The union declares that in the past a large proportion of the work on school buildings has been done by labor from outside the city, because it could be obtained at cheaper rates by contractors. The only power the council has is to award the contracts to the lowest responsible bidders. In order to use its moral influence, however, the following resolution was adopted: "Resolved, That it is the sense of the board of education of the city district of the city of Cleveland, that only bona-fide residents of the district be employed by contractors in the erection and repairs of the school buildings of the city."

Detroit, Mich. The finance committee of the board of education considers it a better investment for the school board to pay for the cost of a surety bond of \$50,000, which the city treasurer must furnish for the money in his keeping, than to run the risk of taking personal bonds, and has so recommended.

Lawrence, Mass. The board of education has asked the legislature to enlarge its powers in the matter of selecting plans and sites for school buildings.

The average wages for teachers in Pennsylvania are: For men, \$340.24, and for women, \$306.64. In Massachusetts the average is \$1,319.50 for men and \$483.82 for women; New York, \$650.30 and \$464.50, and Illinois, \$463 and \$339. In the country districts of Pennsylvania the pay is about three-sevenths as much as in the boroughs and cities. In this state the pay for both men and women in the country will average \$225. The

pay for women in the boroughs is about \$225, and in the cities from \$400 to \$680. The average wages of women teachers in Erie is \$400; Pittsburg, \$550; Allegheny, \$580, and Philadelphia, \$680.

In Pennsylvania there are seventeen teachers who get less than \$100 each per year; 1,270 who are paid less than \$150, and 6,653 less than

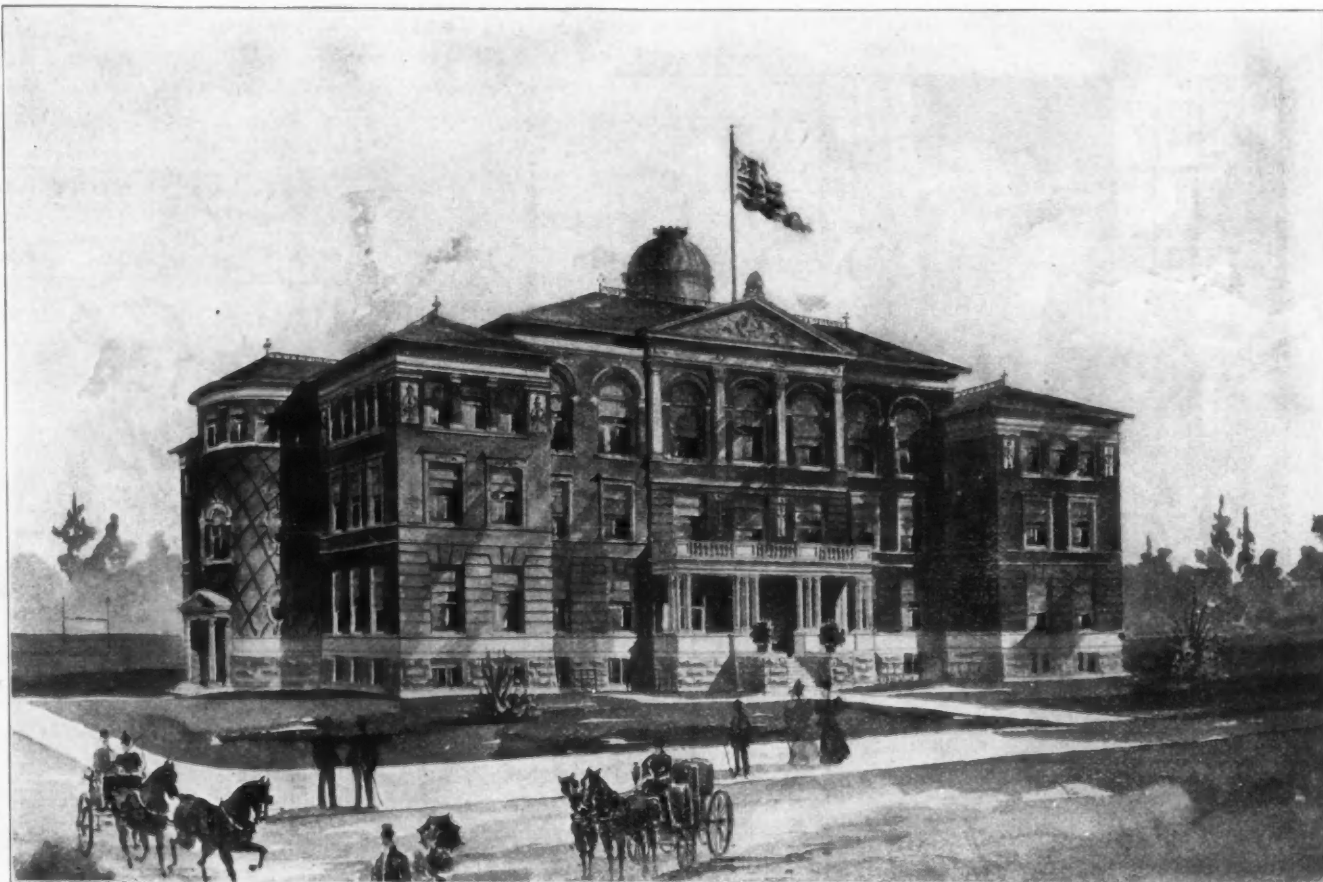
\$200. Last year the wages of the state's teachers were reduced an average of 94 cents, and the year before \$3.73. New York's teachers had their wages advanced last year an average of \$8.06, and the year before \$3.69.

Boston, Mass. Union labor won a signal victory at the last school board meeting when it was voted that union wages will be paid.



F. S. ALLEN, Architect,  
Joliet, Ill.

NEW HIGH SCHOOL, PLANO, ILL.



FLEMING & KOEHLER, Architects,  
New York.

NEW SCHOOL HOUSE, RICHMOND HILL, LONG ISLAND, N. Y.



### Artificial Blackboards.

Superintendent Andrews of the Chicago schools recently expressed himself as being in favor of white blackboards. In other words, he wants a white surface and a black crayon. While this innovation is backed by some arguments, it is as yet doubtful whether the idea will ever be carried into effect, and if so, whether it will become permanently adopted. The regular black blackboard, slate and artificial, have become such a permanent fixture in the school room, and its utility as to color and use so thoroughly tested, both as to its hygienic feature as well as general utility, as to make any radical departure improbable.

Since the subject of blackboards is one, however, which is likely to come in for greater attention from this time on, the review given the subject of blackboard liquids by Mr. Munger, of East River, Conn., may be of interest.

The idea of coated or artificial blackboards was first originated, Mr. Munger says, in the manufacture of a coated globe. A liquid slating was the outcome. As soon as found to be a satisfactory article of merchandise, it was named Munger's Eureka Liquid Slating, and put on the market. A man named Griswold

went to Boston and established the American Tablet Company, for the manufacture of artificial slates and blackboards of both black and white material. The slating was also put up in cans and sold through the American School Agency of G. S. Woodman & Co., 569 Broadway, New York, and largely continued through their successors, J. W. Schemerhorn & Co. It was finally handled by general dealers in school materials. This slating was never patented, but was put on the market as a trade secret, and has been continuously manufactured as such by the same parties for over forty years. Mr. Munger also sold one branch of his business to the firm of Bates & Holly, of Norwich, Conn., which firm, through Mr. Holly, became the formation of the New York Silicate Book Slate Company, and its various subdivisions. It would require too much space to name the various offshoots and imitators in that line of trade, for they are almost as numerous as the public schools.

The business has grown from nothing in 1857, to the use of some sort of a silicate surface. Some sort of silicate paint has been applied to almost every kind of material, such as wood, paper, plaster, wall, etc., even natural slate

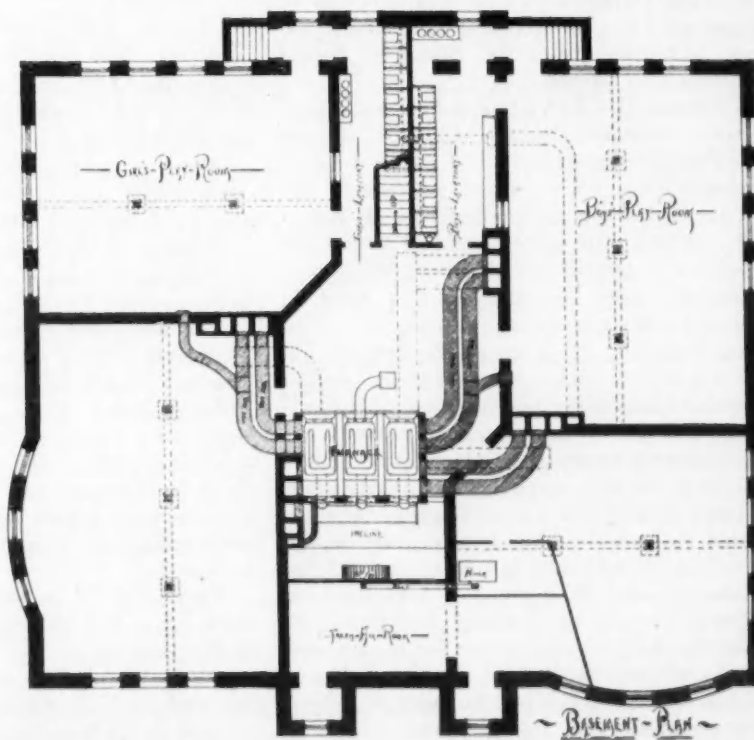
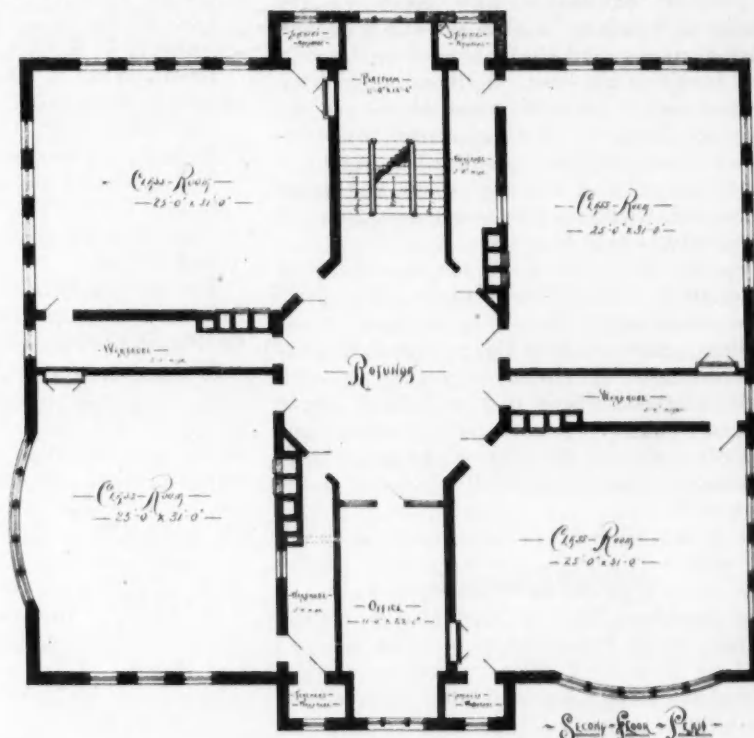
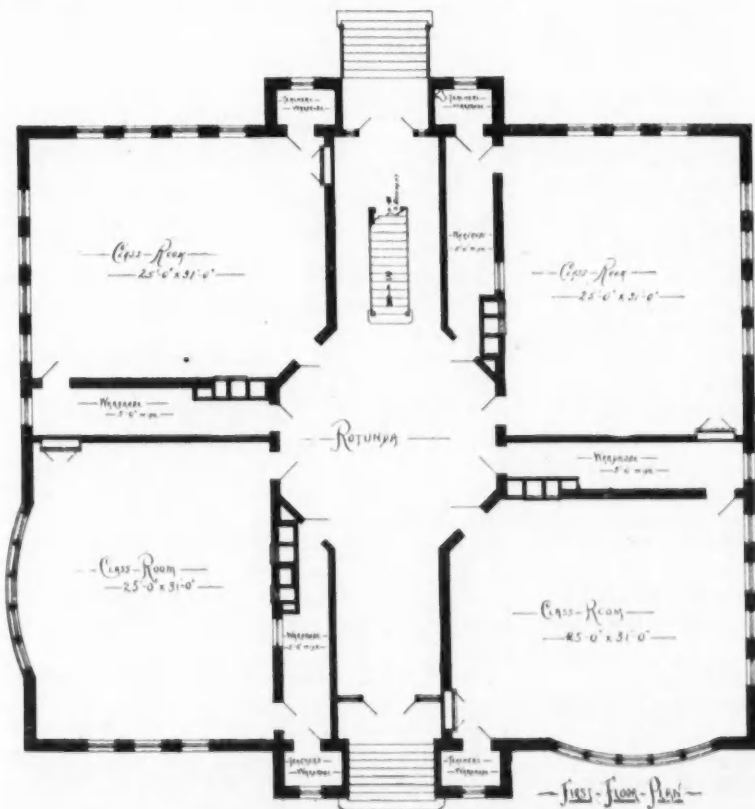
boards have been coated in order to give them a cutting surface, the stone having become coated with grease so that it would not cut the crayon. No doubt the hard finish wall shows the largest blackboard surface at the present day, but it is fast being replaced with wood, stone and paper, large quantities of manilla drawing paper are being used for a foundation. When pasted to the wall with skill and coated with a first-class slating, it gives good returns for many years without expense. The paper gives an elastic and noiseless surface which is pleasant to use, and covers cracks and other imperfections in the wall and presents an unbroken surface the whole length and width of the board. Large quantities of slated cloth are used in the shape of roll blackboards that are in many cases tacked on the walls, which is all right, provided the surface on which they are used is perfectly smooth. A good slated cloth or paper, if used over a smooth foundation surface, will wear a long time, but if the foundation is rough or uneven, the blackboard will be very short-lived.

A janitor, who had painted a set of boards in a public school house under his care with a

(Continued on subsequent pages.)



JOHN V. STARR, ARCHT. NEW SCHOOL HOUSE, ST. JOSEPH, MICH.



FLOOR PLANS, NEW SCHOOL, ST. JOSEPH, MICH.

## Supplies and Equipment.

Superior, Wis. School supplies purchased from the Central School Supply House; drawing material from the Prang Educational Co., and apparatus for the high school from E. H. Sargent & Co.

Waterbury, Conn. Fire gongs have been ordered placed in all the schools.

Rising Sun, Md. The board has made a contract with the W. J. C. Dulaney Co. for school stationery for the year ending July 31, 1900.

Leavenworth, Kan. At the board's last meeting a representative of the Moore Chemical and Manufacturing Co., of Kansas City, was present to introduce the Moore antiseptic disinfectant for use in the schools.

La Harpe, Ill., purchased desks from the Standard School Furnishing Co.

Toledo, O. The board has been investigating a new and novel slate. The slate is made of a certain composition which permits a complete erasure by the simple application of a dry cloth. In this manner a long-continued nuisance is abated and the sanitary advantages derived from its use are considerable. The average student of tender years considers any schoolmate "stuck up" that is fastidious enough to use a sponge and cloth in erasing the pencilled marks on his slate. A liberal application of saliva and a rub with a coat sleeve are the recognized forms of school etiquette. Superintendent Chalmers was empowered to secure a limited quantity of the new slates and place them on trial with a view to ordering more if the test results satisfactorily.

Wausau, Wis., purchased blackboards from the Standard School Furnishing Co., Chicago.

The school supply firm of E. G. Dann & Co., of Chicago, have removed their offices and salesrooms from 17-21 Quincy street to 183-185 Dearborn street, where they will have larger quarters. The firm handles general school supplies. It makes a specialty of outline blackboard maps. These include all states and countries.

The Standard School Furnishing Co., Chicago, sold their Olmsted artificial slate blackboards for new school at Wapakoneta, O.

The American Writing Machine Co., manufacturers of the Remington typewriter, has removed its New York offices to 316 Broadway, where it will have larger and more commodious salesrooms.

The Geo. Dewey school at Chicago will be equipped with the Olmsted artificial slate blackboards, purchased from the Standard School Furnishing Co., Chicago.

Mt. Vernon, O. The public school equipment has been increased by the addition of one Smith-Premier typewriter.

Boston, Mass. The school committee has added the Dixon sketching crayon to its list of school supplies. In consequence of which the demand for its pencils has been very large.

Myron E. Keats, superintendent of Fond du Lac County, Wis., has the following to say on school apparatus: "It is the teacher who should be the life of the school, but this is not a good reason for compelling the original and hard-working teacher to depend entirely upon her own inventive resources. Good appliances yield all the larger returns upon the investment when placed in the hands of a good teacher. Besides the usual observations that I have made on my visits to our schools, note has been made of the kind and amount of appliances furnished by the districts to aid the teachers and pupils in their work; the provision made for health and comfort; and the evidences of interest and care for the school property on the part of school officers, teachers and pupils. And while in many cases but little remains to be desired, in

many others as little that is desired appears. neither dictionaries, maps, globes, charts. Some districts are entirely destitute, having crayon (some having no blackboards have no use for crayon), nor anything else with which to illustrate and facilitate the work which, unless in the hands of ingenious, skillful teachers, soon becomes, to a great extent, unprofitable. These requisites may be had at little expense, and when once provided, if the teacher will not, or does not use them, her place should be filled by one who will."

Canton, O. It is proposed to equip the high school with a Clock program system. The cost would be about \$2.65.

Philadelphia, Pa. The contract for drawing instruments for the manual training schools awarded to Williams, Brown & Earle.

The W. S. Schley school, Chicago, will be furnished with the Olmsted artificial slate blackboards by the Standard School Furnishing Co., Chicago.

Pawtucket, R. I. The board has ordered four sets of Political Relief Maps at a price of \$400.

Bayonne, N. J. Typewriter supplies purchased from the American Writing Machine Co., New York.

Two Rivers, Wis. Contracts for blackboards awarded to J. M. Olcott & Co.

Beloit, Wis. A proposition for placing telephones in the schools was voted down.

Salt Lake City, Utah. The University of Utah has purchased a new Smith-Premier typewriter to be used for instruction purposes.

Logan, Utah. Two Smith-Premier typewriters have been purchased for use in the Brigham Young college.

The new building at St. Joe, Mich., will be furnished with the Olmsted artificial slate by the Standard School Furnishing Co.

Sacramento, Cal. The chairman of the judiciary committee reported that he had investigated the law enacted by the last legislature, which provides that all school buildings two stories or more high must be provided with fire escapes. He was of the opinion that the term fire escapes, as used in the measure, included the stairs and stairways in the schools, and that there was no necessity for outside fire escapes if the stairs in the school houses were of sufficient width as to permit free and easy egress in case of fire.

New desks for Holy Cross school, Albany, N. Y., will be furnished by the Standard School Furnishing Co.

Monon, Ind., purchased desks from the Standard School Furnishing Co.

Chicago, Ill. Rolling partitions for the West Pullman school addition purchased from H. B. Dodge & Co.

Monticello, Ind., purchased blackboards, venetian blinds and rolling partitions from the Standard School Furnishing Co.

Malden, Mass. The school committee of this city has purchased six Smith-Premier typewriters to be used in the high school.

The Standard School Furnishing Co., Chicago, will furnish rolling partitions for the new Prescott school, Chicago.

Sacramento, Cal. The schools are all equipped with water filters.

Chicago, Ill. Laboratory supplies purchased from the Chicago Laboratory Supply and Scale Co.; venetian blinds from Thomas Kane & Co.; filter equipment from Geo. L. Squire Manufacturing Co.

The Standard School Furnishing Co., Chicago, furnished blackboards for four buildings at Waverly, Ia.

Athol, Mass. The superintendent of schools has purchased a Smith-Premier typewriter to be used in the high school.

Philadelphia, Pa. The Twenty-ninth sec-

tional school board has decided to furnish the pupils with boiled water to quench their thirst.

Stevens Point, Wis. Science supplies for high school purchased from the Chicago Laboratory Supply and Scale Co.

The Standard School Furnishing Co., Chicago, secured contract for new desks and venetian blinds for St. Mary's school, Albany, N. Y.

Greely Township, Hazleton, Ia., purchased desks from the Standard School Furnishing Co., Chicago.

Danville, Ill. School supplies purchased of Thomas Charles Co.

The new school at Ross, Ind., will have the Olmsted artificial stone blackboard furnished by the Standard School Furnishing Co., Chicago.

Douglas, Wyo. Kindergarten supplies purchased from Thomas Charles Co.

South Omaha, Neb. The board has decided to equip all the school buildings with fire escapes.

Philadelphia, Pa. The public school equipment has been increased by the addition of a Smith-Premier typewriter.

Allegheny, Pa. The Greenwood School Supply Co. has bid on the contract to furnish the school supplies for the ensuing year.

The Standard School Furnishing Co., Chicago, sold desks for new school building at Harrisonville, Mo.

Wells, Minn. A Smith-Premier typewriter has been added to the equipment of the high school here.

Holyoke, Mass. The Smith & White Manufacturing Co. reports a most successful outlook for business this season. The business is nearly double that of last season. There are orders enough on hand now to keep the shop busy until in August and the concern will be hard pressed until December. The school supplies are changing constantly in their nature. It will be of interest to state that it takes twenty car loads of paper to furnish the Chicago school supply.

Faribault, Minn. Kindergarten material purchased of Thomas Charles Co.

Mason City, Ia. A new Smith-Premier typewriter has been purchased for use in the high school.

Utica, N. Y. Bids for blackboards for the new academy were received from the following firms: Olcott & Co., New York; J. D. Emach, Philadelphia; George & Griffiths, Slatington Bangor Slate Syndicate, Leavington & Meyer, Syracuse; W. A. Choate & Co., Albany; Improved Stone Blackboard Co., Donohue & Hembery.

New Pautz, N. Y. Two Smith-Premier typewriters have been purchased for use in the state normal school.

Chicago, Ill. Laboratory supplies purchased from the Chicago Laboratory Supply and Scale Co.

Hartford, Conn. A Smith-Premier typewriter has been purchased by the state board of education.

Hammond, Ind., furnished rolling partitions from the Standard School Furnishing Co.

Milwaukee, Wis. High school apparatus purchased from Eimer & Amend and A. L. Robbins Co.

C. N. Scott, who was in the employ of the New York Silicate Book Slate Co. as foreman, has established himself in business at Closter, N. J. Together with his son, Albert N. Scott, he has engaged in the manufacture of blackboard cloth, roll blackboards and silicate slate sheets.

W. H. Stewart represented Leacy, Stewart & Co. at the recent Harrison auction sale in New York of school supplies.

The adjustable blackboard liner manufactured by Edw. E. Babb & Co., 25 Arch St., Boston, are selling faster than the firm can make them. The device is considered a most useful one.



**School Furniture.**

Dayton, O. To the United States School Furniture Co. was awarded the school desk contract.

Binghamton, N. Y. School desks procured from the Grand Rapids School Furniture Co.

Rutland, Vt. School desks purchased from the Vermont School Seat Co.

Columbus, O. Contract for teacher's desks awarded to the Miller Furniture Co.

Dayton, O. The board has entered into a contract with the Ohio Rake Co. for sixty teacher's desks.

Rochester, N. Y. The board has made a purchase of 1,000 Paragon school desks.

Milwaukee, Wis. Owing to the fact that the general city fund is not available to buy school furniture with, and as the school board has exhausted its supply fund, the new 8-room addition to the Twentieth district school No. 2 must be equipped with old seats and desks.

The Ohio Rake Co., of Dayton, O., which has had a school furniture department for some years, will in the near future push this branch with considerable energy. Allen E. Thomas, the president, has looked after this feature of the business himself.

The Western office of the American School Furniture Co. will be located at the northwest corner of Wabash avenue and Washington street, Chicago.

R. H. Galpen will represent the Hauey School Furniture Co. in the New York City district.

In a report, Myron E. Keats, a county superintendent, has this to say on the subject of "School Furniture": "In adaptation to the needs of the school room the best furniture leaves but little to be desired, and the best will in the end be found to be the cheapest. Quite a number of buildings are still furnished with the old-fashioned desks. These should be supplanted by modern desks carefully adjusted to the varying sizes of the children. Besides contributing to the comfort and health of the pupils, the desks of the present day add much to the beauty and cheerfulness of the school room. Great care should be taken to adapt the height of the seats and desks to the size of the children who occupy them. Some seats should be furnished for every ungraded school so low that the youngest pupils may occupy them and still rest their feet squarely on the floor; and others so high that the larger pupils may use them without discomfort. It is important also that the pupils' desks be brought so near the seats that they may use them in writing or slate work and still maintain an upright position. Folding seats allow the forward edge of the seat to be placed directly under the edge of the desk in front, and, when folded, leave room for pupils to pass in or out. For this reason, and to economize space as well, desks with folding seats are preferable, and single are better than double desks for many reasons. Every school room ought to be a place for the formation of correct business habits. Every pupil should be held responsible for the proper care of his own seat and desk, for the neat and orderly arrangement of his own books and papers, and for rigid abstinence from interference with the books or papers of another. All this is impossible, or nearly so, where two have a desk. To divide responsibility is to deaken and destroy it. The old, child-deforming bench seats are rapidly going out of use, to be replaced by the most improved furniture. Let us hope that ere long all these back-breaking seats of ancient misconstruction will go the way of all unfit and, therefore, uneconomical appurtenances."

The board of education of Sault Ste. Marie, Mich., will furnish the new high school building with ball-bearing automatic desks manufactured by the Grand Rapids School Furniture Works, Grand Rapids, Mich.

The Fremont normal school, Fremont, Neb., has placed a large additional order for ball-bearing automatic desks manufactured by the Grand Rapids School Furniture Works, Grand Rapids, Mich.

The A. H. Andrews Co., of Chicago, recently secured the big Chicago contract for school desks. It also secured the contract at Detroit, in competition with the Wabash, the Northville, and the Piqua companies. Besides these the Andrews Co. was awarded the school desk contract for Kansas by the legislative committee of that state.

The school board of Plainfield, N. J., were so well satisfied with the sample of friction-side adjustable chair desks submitted for examination that they placed an order with the Grand Rapids School Furniture Works for 300 desks.

St. Mary's Catholic school, of New London, Conn., ordered 700 ball-bearing automatic desks from the Grand Rapids School Furniture Works.

The school board of Santa Clara, N. Y., placed an order with the Grand Rapids School Furniture Works for a large number of their ball-bearing automatic desks.

The school board of Briar Cliff Manor placed an order with the Grand Rapids School Furniture Works for 100 of their ball-bearing automatic desks.

The Holbrook Military school, of Sing Sing, N. Y., placed an order with the Grand Rapids School Furniture Works for over one hundred new ball-bearing automatic desks.

The school connected with the House of the Good Shepherd, Newark, N. J., is being renovated and improved. New ball-bearing school desks were purchased from the Grand Rapids School Furniture Works, and other needed apparatus is being bought.

The school board of East Port, L. I., placed an order with the Grand Rapids School Furniture Works for a number of their ball-bearing automatic desks.

After a thorough examination of the different adjustable school desks made, the school board of River Head, N. J., were unanimously in favor of the combination adjustable desks manufactured by the Grand Rapids School Furniture Works, and placed an order with that company for 300 desks of this style. If these desks come up to their expectation, nothing but desks of this description will be used hereafter.

The school board of Salem, Va., have placed an order with the Grand Rapids School Furniture Works for 100 ball-bearing automatic school desks.

The school board of West Orange, N. J., after examining the different styles and kinds of school desks made, including the different adjustable patents, were unanimously of the opinion that the friction-side adjustable chair desk, manufactured by the Grand Rapids School Furniture Works, of Grand Rapids, Mich., were ahead of anything examined, and gave them their order for 500 desks.

The school board of East Orange were so well satisfied with the selection made by the board of West Orange, that they also gave their order to the same company for about 500 friction-side chair desks.

The St. Peter's Catholic school, of Jersey City, N. J., placed an order with the Grand Rapids School Furniture Works for upwards of 400 of their ball-bearing automatic school desks.

The school board of Paterson, N. J., after investigating different adjustable desks, were much pleased with the combination adjustable desk manufactured by the Grand Rapids School Furniture Works, and placed an order with that company for over 1,200 desks of this style.

Allegheny County, Md., school commissioners are furnishing their new school buildings with the boltless automatic school furniture bought of the Hudson School Furniture Co., Athens, O. This board has more than 4,000 of these desks in use, and some of them have been in use for twelve years.

The new school house at Atlanta, O., is being fitted up with the boltless automatic school furniture of the Hudson School Furniture Co.

Fredericksburg, Va., placed an order with the Hudson School Furniture Co. for the boltless automatic school furniture.

The school board at Belpre, O., purchased the boltless automatic school furniture.

Detroit, Mich. The Wabash School Furniture Co. was the lowest bidder on the school desk contract.

Marshall, Mich. The Marshall School and Church Furniture Works is again operating all departments.

Dayton, O. The board has contracted with the Ohio Rake Co. for sixty teacher's desks. The contract of the United States School Furniture Co. for 1,680 stationary desks and chairs and 5,560 adjustable desks and chairs accepted.

Austin J. Devereaux, a well-known school furniture agent, accidentally shot himself, May 15, while hunting in Long Island. Lockjaw set in and in a week's time he died at his home, 40 W. Twentieth street, New York City. Devereaux was under indictment at Binghamton, N. Y., for forging school warrants. The case had been postponed a number of times, but it was soon to come up, and there seemed no escape. He leaves a wife and one child. His life was insured for \$80,000, which the companies refuse to pay.

The American School Furniture House, advertised as being located on the third floor of the Great Northern building, Chicago, Ill., consists of nothing more than a desk room in an office occupied mainly by teachers of the banjo, mandolin and jig dancing. The manager of this furniture house evidently carries his business in his hat, and a high-sounding name in the advertising columns of several journals.

**Graduation Exercises.**

Mitchell, S. D. The board of education appropriated \$40 for the high school graduation exercises.

Willmar, Minn. The board of education has decided not to give up the time-honored custom of holding platform graduation exercises, with the graduates as the principal contributors to the program.

Sunbury, Mass. At the high school graduation exercises the graduates delivered orations and read essays.

Oneida, N. Y. But ten speakers of the graduation class are hereafter to be appointed for commencement exercises, and they are to be elected for their scholarship as shown by the honors attained in examinations.

Thompsonville, Mass. The annual commencement exercises this year were of the time-honored custom. Orations were delivered and essays read by the graduates.

Millford, Mass. The school board is considering the abolition of graduation exercises. It is argued that the expenses to the town incident thereto are high, and the parents of the graduates in many cases are put to hardships on account of the exercises, and that no benefit results to anybody therefrom.

Lamar, Mo. Admission to the commencement exercises was 25 cents for reserved seats.

Denver, Colo. A rule approved requires of those pupils who wish to graduate from the high school in less than four years to maintain a standing of "good" in every subject taught.

## Book Reviews.

**MACAULAY'S LAYS OF ANCIENT ROME.** Edited with Introduction and Notes by Moses Grant Daniel. Published by Ginn & Co., Boston, New York, Chicago.

This volume forms the newest addition to the Standard English Classics Series published by Ginn & Co. Macaulay's great work is too well known to require any treatment here. The presentation of the work, however, equipped with notes and a pronouncing vocabulary of proper names, together with a well-written introduction and preface, makes it a valuable supplementary reader. It is doubtful whether this work as a school book has ever been produced in more acceptable form.

**FOUR AMERICAN NAVAL HEROES.** By Mabel Borton Beebe, with an Introduction by James Baldwin. Published by the Werner School Book Co., New York, Chicago, Boston.

The present volume is one of the series of patriotic supplementary readers published by this company. The first was "Four Great Americans," the second "Four American Patriots," and the last and present volume treats of the naval heroes—Paul Jones, Oliver H. Perry, Admiral Farragut, Admiral Dewey. The volume is handsomely illustrated and the text written in a most fascinating style. Perhaps few books receive at this time a readier audience. It will become a popular supplementary reader.

**A TEXT BOOK OF PHYSICS—SOUND.** By J. D. Poynting, Sc.D., F.R.S., Mason University, and J. J. Thomson, M.A., F.R.S., University of Cambridge. Royal 8vo., cloth, 163 pp. Charles Griffin & Co., London. J. B. Lippincott Co., Philadelphia.

This is one of a series of five books in preparation, each on a special subject of physics. It is proposed to treat each of these subjects fully and exhaustively. From the simplest sound waves to the analysis of vibrations, the diatonic scale, the combination of tones, and the interferences of waves, each topic is investigated with mathematical thoroughness and exactness. Methods of investigation are illustrated with numerous diagrams. While adapted to advanced study and above the needs of secondary schools, it is not above the needs of teachers in these schools. The development along all scientific lines requires that those who profess to be teachers of physics should make themselves familiar with the results of the latest and fullest researches.

**CONTEMPORARY HISTORY OF THE WORLD.** By Edwin A. Grosvenor, Professor of History in Amherst College. 12mo., cloth, 173 pp. \$1. Thomas Y. Crowell & Co., New York, Boston.

The JOURNAL recently noticed very favorably Duruy's General History of the World, edited by Prof. Grosvenor, who continued the history to 1848. In this volume the history is brought down to the present time, being a record of the most important events among all the nations for the last fifty years. Necessarily the subject matter is condensed. Great pains have been taken in recording events accurately. The style of the book, like that of the former, is very interesting.

**AMERICAN COLONIAL HANDBOOK.** By Thomas Campbell-Copeland. 16mo., flexible cloth. 181 pp. 50 cents. Funk & Wagnalls Co., New York.

A vast amount of information, geographical and historical, concerning the resources of our recently acquired possessions in the West Indies and in the Pacific. It is in compact form and systematically arranged and supplied with good maps.

**JEFFERIES' SIN BEVIS.** Edited by Eliza Josephine Kelley. Cloth, 12mo., 129 pp. Ginn & Co., Boston, Chicago.

Richard Jefferies lived near Salisbury, England. All the historic associations of the place made their impressions upon him. In "Wood Magic" he wrote what he saw and heard in nature. We have these delightful stories adapted from his writings for American children, for school and home reading.

**ALGER'S PICTOLA.** Published by Ginn & Co., Boston, New York, Chicago. Price 40 cents.

The publishers made a good move when they turned their attention to this gem. The story of a French prisoner who had nothing in the wide world to bear him company but a little plant, is a pathetic one. It has a strong moral, and cannot only be read with considerable interest, but with profit as well.

**SALVA-WEESTER ENGLISH-SPANISH AND SPANISH-ENGLISH DICTIONARY.** Edited by F. M. de Rivas. Red Russia, full gilt, 384 pp. \$1. Laird & Lee, Chicago.

Early editions have been noticed in the JOURNAL. The increasing demand has led to this enlarged edition. This contains 40,000 words and nearly 60,000 meanings. Pronunciations in both languages are explained. Valuable tables are given, and many pages of conversations. Essential to those preparing to go to our new possessions.

**GOETHE'S IPHIGENIE AUF TAURIS.** Edited by Karl Breul, Ph.D., University Lecturer in German. Cloth, 338 pp. 90 cents. University Press, Cambridge. From the Macmillan Co., New York.

One of the Pitt Press Series of ancient and modern classics. An extended introduction gives the sources of the material of the play, and the history of the writing, with discussions on the style and many other features. There are many pages of critical and explanatory notes and appendixes containing genealogical tables of the descendants of Tantalus and other matters concerning Goethe on Schiller, bibliographies, and kindred topics. The text is presented in the best style. The edition is the work of superior scholarship, and the publishers' work is of the best.

**HERBERT'S LETTERS AND LECTURES ON EDUCATION.** Translated and Edited by Henry M. and Emmie Felkin. Cloth, 285 pp. Swan, Sonnenschein & Co., London. C. W. Bardeen, Syracuse.

The growing interest in Herbert's theories and principles of education has called for the translation and publication of these letters and lectures. A preface by Oscar Browning and an introduction by the translators give an outline of the development of the author's system. It is a book for teachers who desire to be informed in, and to profit by, the fullest development of the science of education.

**OUR LITTLE FOLKS PRIMER.** By Mary B. Newton. Published by the Educational Publishing Co., Boston, New York, Chicago.

This is a delightful primer, containing handsome colored pictures as well as line drawings of the many little objects which attract children. The text is well chosen, demonstrating on the part of the authors a keen insight into child-mind as well as a sympathetic touch.

**EGYPT, THE LAND OF THE TEMPLE BUILDERS.** By Walter Scott Perry, of the Pratt Institute, 147 Illustrations, 250 pp. Published by the Prang Educational Co., Boston, New York, Chicago.

The art of ancient Egypt is here brought to the student through descriptive text and illustrations. The latter are half-tone reproductions

from photographs. The author, with the feeling and insight of an artist and a scholar, leads his audience to all the notable points of interest, to the Pyramids, the Temples of Denderah, Abydos, Edfu, Khonsu, Philae, etc., to statuary and columns—to a thousand and one places of historical and artistic interest.

**PITMAN'S FRENCH COURSE.** Editors and Publishers, Sir Isaac Pitman & Sons, London and New York. 94 pp. 25 cents.

This firm is well known through its text books, reference books, handbooks on shorthand. It may not be so well known as publishers of series of text books for the study of foreign languages. Part I gives grammatical forms to the end of regular verbs, conversational phrases and sentences, short stories, French-English and English-French vocabularies. The cautions upon over-accent are timely, as this exaggeration is an American defect. The phrases and vocabularies are plainly designed to give a concise acquaintance with traveling and business expressions. The concise arrangement and the title, "Pitman's Rapid Series," suggests that the theory of shorthand is carried into the study of language.

C. H. L.

**UNITED STATES HISTORY IN ELEMENTARY SCHOOLS.** By L. L. W. Wilson, Ph.D. Cloth. 53 pp.; 30 cents. The Macmillan Company, 66 Fifth Avenue, New York.

The author has written on nature study for primary children. There is not much history in this little book. It is rather a brief teachers' manual, with suggestions as to topics with which to interest the pupils, after the style of nature study. A skillful teacher can use these topics very effectually. Sources from which material can be obtained are given.

**WALKS AND TALKS IN THE GEOLOGICAL FIELD.** By Alexander Winchell, LL.D. Revised and edited by Frederick Starr of the University of Chicago. Published for use of the Chatauqua Reading Circles by Flood & Vincent, New York and Chicago. Price, \$1.

The old edition of this book was very popular. This edition has been brought up to date. It contains many valuable additions including marginal notes, foot notes and accurate illustrations furnished by Major J. W. Powell, director of the United States Geological Survey. Its forty-nine chapters treat of surface geology; the drift and its origin; strata, their origin, contents and position, igneous agencies; elevatory forces; economic geology, the wealth of the hills, fossils; the beginnings of the earth; the history of life and growth of the continent. This book fills a long-felt demand for a book which will suit the masses, furnishing interesting reading matter for the general reader as well as scientific facts for the student of geology.

**COMMISSIONER HUME.** A story of New York Schools. Author and Publisher, C. W. Bardeen, Syracuse, N. Y.

Periodically interest in Bardeen's capital story is revived. A copy recently received leads us to make the following comment: Roderick Hume is a unique story containing not only wit, humor, instruction and entertainment to the reader, but considerable educational history. The characters are all well drawn and represent true life. The story is of special benefit to the teacher, as it gives many points in the highest kind of school management. The citizen joins much information and is awakened to the realization that he owes it to himself to be interested in the management of the school system.

Bardeen ought to write a new story in which the characters are drawn from school people. He has the ability to do so.



New Books Received.

Marriages of the Deaf in America. By Edward Allen Fay. Published by Gibson Brothers, Washington, D. C.

Psychology in the School Room. By T. F. G. Dexter, B.A., B.Sc., and A. H. Garlick, B.A. Published by Longmans Green & Co., New York.

Almost a Man. By Mary Wood-Allen, M.D. Published by Wood-Allen Publishing Co., Ann Arbor, Mich.

Synopsis of German Grammar. By Edward Althaus. Published by Longmans, Green & Co., New York.

A Catalogue of Authors, together with a publication of Houghton, Mifflin & Co., Boston, Chicago and New York.

The Story of Hiawatha, with Illustrations. By Robert Smith. Published by the Educational Publishing Co., New York, Boston, Chicago and San Francisco.

The Ancient Mariner, No. 1. By Samuel Taylor Coleridge. Edited, with introduction and notes, by John Phelps Fruit, Ph.D. Published by Benj. H. Sanborn & Co., Boston.

Young Folk's Library of Choice Literature. Land-seer, a Sketch. By Ella M. Powers. Published by the Educational Publishing Co., Boston, New York, Chicago and San Francisco.

Young Folk's Library of Choice Literature. Jean Francois Millet, 1814-1875. By Ruth Jaenette Warner. Published by the Educational Publishing Co., Boston, New York, Chicago and San Francisco.

Young Folk's Library of Choice Literature. Murillo and Spanish Art. A Sketch. By Jennie Ellis Keysor. Published by the Educational Publishing Co., Boston, New York, Chicago and San Francisco.

Young Folk's Library of Choice Literature. Raphael. A Sketch. By Jennie Ellis Keysor. Published by the Educational Publishing Co., New York, Boston, Chicago and San Francisco.

The Art of Teaching. By David Salmon. Published by Longmans, Green & Co., New York.

Entropius, Edited for School Use. By J. C. Hazard, Ph.D. Published by the American Book Co., New York, Cincinnati and Chicago.

Latin Prose Composition, Based on Caesar, Nepos, and Cicero. By Charles Crocker Dodge, B.A., and Hiram Austin Tuttle, Jr., M.A. Published by the American Book Co., New York, Cincinnati and Chicago.

The Beginner's Latin Book. By James B. Smiley, A.M., Harvard, and Helen L. Storke, A.B., Vassar. Published by the American Book Co., New York, Cincinnati and Chicago.

A History of the American Nation. By Andrew C. McLaughlin. Published by D. Appleton & Co., New York. Price \$1.40.

The Old Northwest. By B. A. Hinsdale, Ph.D., LL.D. Published by Silver, Burdett & Co., New York, Boston and Chicago.

Psychological Development of Expression. Oratory. By Mary A. Blood, A.M., and Ida Morey Riley. Published by the Lakeside Press, R. R. Donnelly & Sons Co., Chicago.

Lee's Guide to Gay "Paree." By Max Maury, A.B., LL.M. Published by Laird & Lee, Chicago. Price \$1.

Geographical Nature Studies, for Primary Work in Home Study. By Frank Owen Payne, M.Sc. Published by the American Book Co., New York, Cincinnati and Chicago.

An Oral Arithmetic. By J. M. White. Published by the American Book Co., New York, Cincinnati and Chicago.

The First Book for Pen or Pencil. By Mary B. Poland. Part I. Published by the American Book Co., New York, Cincinnati and Chicago.

The First Book for Pen or Pencil. By Mary B. Poland. Part II. Published by the American Book Co., New York, Cincinnati and Chicago.

Goethe's Hermann and Dorothea, with Introduction and Notes. By James Taft Hatfield. Published by the Macmillan Co., New York. Price 60 cents. For sale by Des Forges Co., Milwaukee, Wis.

Nature Study for Grammar Grades. By Wilbur S. Jackson, A.B. Published by the Macmillan Co., New York. Price \$1. For sale by Des Forges Co., Milwaukee, Wis.

Talks to Teachers on Psychology; and to Students on Some of Life's Ideals. By William James. Published by Henry Holt & Co., New York.

History Up to Date. A Concise Account of the War of 1898 Between the United States and Spain. Its Causes and the Treaty of Paris. By William A. Johnston. Published by A. S. Barnes & Co., New York. Price \$1.50.

Nature and Compensation. By Ralph Waldo Emerson. The Riverside Literature Series. Published by Houghton, Mifflin & Co., Boston, New York and Chicago.

Precis de L'Histoire de France. By Alcee Fortier. Published by the Macmillan Co., New York. Price 75 cents.

Collections of Poetry for School Reading. By Marcus White. Published by the Macmillan Co., New York. Price 50 cents.

El Si De Las Ninas. By J. D. M. Ford, Ph.D. Published by Ginn & Co., Boston. For sale by Des Forges Co., Milwaukee, Wis.

Magazines Received.

Harper's Magazine for June. Published by Harper & Brothers, New York. Price 35 cents.

Century Magazine for June. Published by the Century Co., New York City. Price 25 cents.

Scribner's Magazine for June. Published by Chas. Scribner's Sons, New York. Price 25 cents.

Cosmopolitan for June. Edited by John Brisson Walker. Published by the Cosmopolitan Co. Price 10 cents.

Forum for June. Edited by J. M. Rice. Published by the Forum Publishing Co. Price 35 cents.

American Monthly Review of Reviews for June. Edited by Albert Shaw. Published by the Review of Reviews Co., New York. Price 25 cents.

Atlantic Monthly for June. Published by Houghton, Mifflin & Co., New York. Price 35 cents.

Arena for June. Published by the Arena Publishing Co., Boston, Mass. Price 25 cents.

Lippincott's Monthly for June. Published by J. B. Lippincott Co., Philadelphia. Price 25 cents.

Kindergarten Review for June. Published by the Milton-Bradley Co., Springfield, Mass. Price 20 cents.

The Nickell for June. Published by the Nickell Magazine Co., Boston. Price 5 cents.

Designer for June. Published by the Standard Fashion Co., New York. Price 10 cents.

Dramatic Magazine for June. Published by the Dramatic Magazine Press, 356 Dearborn street, Chicago, Ill. Price 25 cents.

Gunter's Magazine for June. Published by the Gunter Co., Union Square, New York. Price 25 cents.

American Kitchen Magazine for June. Published by the Home Science Publishing Co., Boston. Price 10 cents.

Duties and Rights of Boards of Education.

(Continued from page 7.)

servative attitude in the acceptance of the new and untried is desirable, because it furnishes the best conditions for the display of the executive ability in outlining and securing for adoption a satisfactory and efficient policy. In view of the ever-increasing demands made upon the public schools, the selection of a suitable superintendent is a matter of great moment; and when such an officer has been selected, the board should confer upon him power equal to his responsibility. In this respect there is great difference in practice in different localities. My own observation forces the conclusion that where the superintendent is conservative and watchful and realizes the limitations surrounding the board, as well as his own, there is seldom any difficulty in securing support for his policy. It is clearly the duty of the board to require such officer to pass upon the qualifications of all teachers applying for positions and to recommend to the board for appointment such as in his judgment are satisfactory and would increase the efficiency of the schools. Mistakes may be made, but fewer, I think, than if the selection were in the hands of those less familiar with the necessary qualifications.

Favoritism would be more easily and more generally excluded. A director might have a director or a friend seeking a position and urge his case strongly. With the power in the hands of the board the danger is very great. Votes might be secured in the interest of his applicant in exchange for a vote on some other measure. Great mischief has resulted, and will continue to result, unless this power is centralized. In an excellent system of schools in the state of New York this subject within a few days has come prominently to the front, and has even resulted in the resignation of the superintendent, whose letter to the board assigns as the reason for his resignation that the matter of the appointment of teachers has been taken entirely out of his hands. I would not stop with the teachers alone, but I would include even the directors, and I believe that the board would do well to leave their appointment in his hands. With such responsibility well placed and well supported, it is safe to say that the ends of efficiency would be sufficiently maintained by the board's reserving for themselves the right of confirmation or review. Adopting this practice, there could be no doubt as to the person held accountable for results. As it is today, in many

cities there is so great a division of responsibility and so much shifting of it, that it is a hard matter to fix the blame. The board should require of the superintendent an honest, courageous and positive attitude with reference to his work. His reasons for changes should be presented in a clear, concise and comprehensive manner, touching the very marrow of the matter. He should not be led away by devices, but should bring to bear upon every question sober and serious thought. When the superintendent fails in his duty, and becomes antagonistic to the board, it is often attributable to his impatience and willingness to wait for the proper time to present and advocate the measures that look, to his mind, toward greater efficiency. Again, the board is said to stand between the parent and the school. This may be true in theory, but how is it in practice? The law says the board shall visit the schools; this, however, is too often neglected, and, as a result, wrong impressions arise, fault-finding and complaining are encouraged, and the person who can make the strongest impression is favored. By visiting, directors would obtain a clearer and better knowledge of the facts and a more accurate judgment rendered. If too busy to visit, some form of social entertainment might be adopted that would enable them to know more about the teaching staff. Receptions have been given, and that with great profit. There can be no doubt as to the duty of the board to increase the cordiality between the teachers and themselves, as well as between themselves and the public. If they are faithful in the discharge of this duty, it would often be possible for them to give advice and timely warning and not wait until some pronounced case called for drastic action. It is well known that in all large bodies there are those who are not entirely trustworthy. If these are properly approached they may be influenced to give better service, and perhaps avoid the pitfalls in their path.

It is important that boards become directly and indirectly acquainted with what is going on in the educational world, the measures advocated, advanced and adopted by similar bodies. This can be easily done by members visiting, not by "junketing" trips; but, better still, by sending the superintendent to educational gatherings, and giving him an opportunity to observe different school systems, and requiring from him a report. A clear review of what has been examined, presenting the educational questions in a new light, and giving information upon which the board might act intelligently, would be an education in itself, which no board can afford to be without. When a board has discharged its duty on the business side and made proper provision for the educational, defining the duties of the superintendent with clearness, one might think that the greater part of the duties had been discharged.

I have witnessed the attempt to completely differentiate heads of departments, and to leave in the hands of the superintendent the purely educational. If by education is meant the scholastic work, it seems to me an abridgement of his sphere. The educator—that is, the superintendent—should be qualified to counsel with all the committees, not only in reference to the expenditures, but the kinds of structures to be erected, and the apparatus and appliances to be used, as well as that which is purely educational. Boards have and do claim the right to pass upon the apparatus and text books used. This is distinctively, it seems to me, the work of the superintendent, aided by his fellow workers. The board should see that he is not disturbed in this respect. Certainly there can be no reason for the board's arrogating to itself the right of saying what text book shall be used, irrespective of the wishes of those who are to use them. Such

(Continued on subsequent pages.)



Mr. W. H. Lee, of the firm of Laird & Lee, publishers, Chicago, has been visiting the Hawaiian Islands for his health. Mr. Lee has been a hard worker for several years and the trip has done him a great deal of good physically. He gathered some valuable data during his sojourn which may find its way to the public through a book brought out by this enterprising firm.

Lucien V. La Taste, of Montgomery, Ala., agent for the University Publishing Co. of New York, has been highly honored. He was recently elected national president of the Traveling Men's Protective Association of America. The meeting was held at Louisville and the contest over the presidency was hotly contested by the friends of three candidates. When the ballot was counted, it was found that La Taste had 92 votes, against 54 and 27 cast respectively for the other candidates. La Taste, with that grace and tact which has characterized him, said in his speech of acceptance, among other things, the following: "It is easy for human conceit to construe the action of this convention as a personal compliment, but I prefer to recognize it as meaning that my comrades of Alabama have impressed the association as being worthy of recognition."

#### A Point of View.

The convictions of the book agent are not always as profound as his enthusiasm might indicate. Among the evidences of this fact are the reported observations of a bookman who is now practicing law.

When the whilom bookman was asked how he managed to reconcile his early devotion to the Francis geography (when representing Smitham & Co.), with his equally earnest denunciations of that work when advocating the Exactly Series for the Brownham Co.

"Well," said he, "that is the peculiar privilege enjoyed by lawyers and book agents. When I was urging the Francis geography upon the educational credulity of the state of Oklahoma, I did so for and in the stead of Smitham & Co., who paid me money to do it. Later, when hydrophobia for the Exactly Series set in, and I condemned the Francis geography, it was purely an agency manifestation of the Brownham Co. Now that the sanity of independence is restored, and I am able to regard the subject 'judicially,' I am frank to confess that I prefer the old Economy Series to either of them."

And they marvelled at his saying—greatly.

#### A Discarded Sign.

Mr. Thomas Charles, president of the kindergarten supply house known as the Thomas Charles Co., of Chicago, is a conservative gentleman of the old school. He has certain fixed views on customs and habits in life, and these, among other things, include a strong aversion to tobacco in any form. Some years ago he concluded to ornament his office with a neat sign, which read "No Smoking Allowed," and which was hung in a conspicuous place near his desk.

One morning, soon after the sign was hung, Wm. S. Mack, the Western manager of the Prang Educational Co., whose office was located on the same street, stepped into Mr. Charles' office. Mack was puffing a newly-light cigar, seemingly unconscious of the peremptory sign. Mr. Charles greeted Mack gently, looking squarely at the offending weed and pointing significantly toward the sign.

Now, Mack is a connoisseur of artistic lettering. His critical eye can see beauties in a Greek parchment as well as in an every-day street sign. The "No Smoking Allowed" inscription proved attractive. He marveled at the graceful lettering—unconsciously smoking his weed as he studied their detail.

"I say, Charles," began Mack, puffing away vigorously at his cigar, "I like that (puff) sign. The letter N in 'No' (puff) is not exactly (puff) in keepin gwith (puff) the rest. But (puff) the S in 'Smoking' (puff) is excellent. The A in 'Allowed' is (puff) really graceful. The sign lacks (puff) symmetry, however. If you were to (puff) take off the word 'No'—it would (puff) balance better, leaving you (puff) two words having precisely (puff) the same number of letters."



ROSS N. HOOD,  
Agent for Ginn & Co., in Western New York.  
Batavia, N. Y.

"Good heavens, man!" exclaimed Mr. Charles, "I didn't know that I was showing you a work of art;" and, opening a window, threw out the sign.

Mack threw his cigar after the sign, and, chuckling to himself, left the office.

W. B. Owen is a heavy-weight—physically, intellectually and socially. He has one peculiarity—he hates publicity.



W. B. OWEN,  
Agt. Ginn & Co. for Illinois,  
Jacksonville, Ill.

Only by springing a kodak upon him when he didn't suspect anything did we succeed in getting his picture, which we present herewith. When asked for an outline of his career, his modesty again asserted itself. "Just say that I am an agent for Ginn & Co., who treat me well, and that I want to represent them as long as I live."

Mr. Owen is a popular bookman and an able one at that. His friends among the school people are many, in Illinois as well as adjoining states.

Ross N. Hood was born at Duncannon, Pa. In 1890 he graduated with honor from the Keystone state normal, and became a knight of the "Birchen Rod," returning to the Keystone normal in 1893 as an instructor. Mr. Hood is also a graduate of Lehigh university, class of '97, and is an electrical engineer by profession. While at college he won fame in oratory and debate, representing Lehigh at the state oratorical contest, and being a member of her debating team for three consecutive years. He was successively secretary and president of the Pennsylvania Intercollegiate Oratorical Union.

The free text-book fight in Pennsylvania in 1893 gave him his first experience in book work. Since that time he has been in all the great text book campaigns: New Jersey, '94—advent of Fryc's geographies, and the physiology campaign—and the state and county contests in West Virginia in '98. Mr. Hood had charge of the high and common school texts in South Jersey from his graduation until the beginning of the present year, when he was transferred to Western New York. He has always worked for Ginn & Co. His permanent address is No. 70 Fifth avenue, New York.

There will be a light attendance of bookmen at the Los Angeles meeting. Every large firm, no doubt, will be represented by one man at least, but a number of the smaller firms will not be represented, unless it be by men already in the California field.

## THE NATURAL SYSTEM OF VERTICAL WRITING

By A. F. NEWLANDS and R. K. ROW,

IS MORE LARGELY USED THAN ANY OTHER SYSTEM OF WRITING, EITHER SLANT OR VERTICAL.

Its success in schools of every grade and condition is due to the facts that

1. It is teachable. 2. Teachers like it. 3. Pupils like it. 4. It omits more that is useless.
5. Includes more that is practical than any other system.

The introduction and sale of these writing books during the last year has been unexampled in the introduction of any school publication during the past forty years.

Regular Course—6 books. Business and Social Forms—2 books. Charts. Teacher's Manual. Spelling Blank. Pens.

**D. C. HEATH & CO., PUBLISHERS.**

BOSTON.

NEW YORK.

CHICAGO.



Publishers and Publications.

The Macmillan Co. has removed its Western office from the Auditorium building to the new A. C. McClurg building, Wabash avenue, Chicago. This office has done some splendid work by increasing the business of the company to a most gratifying degree. The new offices in the McClurg building offer considerably more room and better shipping facilities.

The Century will issue three special numbers: June, "Out-of-doors Number;" July, "The Story-tellers' Number;" and August, "Mid-summer and Travel Number." An article by Henry Van Dyke on "Fisherman's Luck," and a dozen striking pictures of Niagara Falls by the artist, Castaigne, are two of the features of the June issue.

Messrs. Benj. H. Sanborn & Co. will publish in May and June, Burke's Speech on Conciliation with America, edited by Anna A. Fisher, professor of English, University of Denver; Tennyson's Princess, edited by Dr. Lewis W. Smith, professor of English, Cotner University, Nebraska; and a Latin Composition Blank, arranged by M. Grant Daniell.

In the May issue of the Stenographer, the Hon. W. T. Harris, commissioner of the bureau of education of the department of the interior, writes, completely exonerating Mr. J. E. Rockwell from the accusation that he was responsible for the statement in the report of the bureau of education of 1887-88, to the effect that a certain system of shorthand might be called the "American system." Dr. Harris says in part: "I confess that, personally, I was not well satisfied with the statement that the Benn Pitman system is the American system, having myself been interested for nearly forty years in shorthand systems, having learned first the system of Isaac Pitman through the text books published by Andrews & Boyle, of New York, believing that the work of Isaac Pitman, in the first invention of the system and subsequent improvement of it, had entitled him to a place solitary and alone in the invention of phonography, I did not and do not think that any American phonographer has improved Isaac Pitman's phonography to an extent that will entitle his system to be called the 'American system.'"

The publication of *The Perry Pictures* made it possible for the children of this country to become acquainted with, and to own reproductions of the world's greatest works of art.

More than twelve hundred subjects have been reproduced, and these are sold at only one cent each, postpaid, for twenty-five or more. Four beautiful samples of these pictures are offered for two two-cent stamps in advertisement on another page. The only way to appreciate their beauty is to see the pictures themselves.

*The Perry Magazine* will aid teachers and parents in the use of pictures in the school and home. For a limited time the publishers, The Perry Pictures Co., Malden, Mass., offer their Magazine Premium Set of one hundred Perry Pictures and the Magazine one year—all for \$1.40. See advertisement on another page.

Isaac Pitman's shorthand system has recently been introduced into the manual training high school of Brooklyn, N. Y. The text book used is the Complete Phonographic Instructor.

Gov. Roosevelt concludes the story of his regiment in the June Scribner's with a striking letter from a school teacher, telling how some of the Rough Riders adjusted themselves to the conditions of peace on their return home. It is a tribute to the affection in which the colonel was held by his regiment.

Mrs. B. Ellen Burke, of Malone, N. Y., occupies a unique position in the book field. She is not a "bookman" in the sense that we understand the word, but is rather an advocate of the books of D. C. Heath & Co. O. P. Barnes' well known suggestion of the word "advocate" applies to Mrs. Burke's case most fittingly. She

has charge of the educational lecture bureau, a department which is unique with that firm. At the solicitation of a number of the parochial school people she has established institutes among that class of workers. The limited means and other disadvantages that have attended these teachers in the past prompted Mrs. Burke to throw herself into the work, and here she has received the hearty cooperation of her firm. Thus, while she is an "advocate" as far as the relations to her firm is concerned, she is yet an educational worker in the best sense of that term.

## Superior Texts

**Phillips and Fisher's Geometry** is so much superior to any text on geometry that I have ever seen, and the results from actual use in class have been so much better that I am very anxious to see your new trigonometry. —PRINCIPAL DUNHAM, Boys' Latin School, Baltimore.

**Phillips and Strong's Trigonometry** is the best, simplest scientific textbook ever issued from an American press. It is too far ahead of all others for one to introduce a comparison. —SUPERINTENDENT GREENWOOD, Kansas City. . . . Send for descriptive circulars and terms for introduction.

**HARPER & BROTHERS, Pubs., Franklin Sq., New York City, N. Y.**  
W. S. RUSSELL, General Western Agent, 203-205-207 Michigan Avenue, Chicago, Illinois.

## Hahnemann Medical College & Hospital

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The College curriculum embraces the following features:

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2. Hospital and Dispensary Clinical Instruction by the College staff; 3. Fourteen General Clinics and Sixty Sub Clinics each and every week of the season; 4. During the year ending April 1, 1898, there were treated in the Hospital and Dispensary by our own staff, 29,973 cases; 5. Actual Laboratory Instruction in Thoroughly Equipped Laboratories.

For Announcements and Sample Copy of Clinic, address the registrar,

JOSEPH P. COBB, M.D., C. H. VILAS, M.D. Dean.  
2811-13 Cottage Grove Ave., Chicago.

## RELIABLE TEXT-BOOKS.

The UNIVERSITY PUBLISHING COMPANY, of New York, New Orleans, and Boston, would be pleased to correspond with school officers who are contemplating changes in text-books.

### OUR GEOGRAPHIES

Were written by Commodore Maury of the Hydrographic Office, and were written from personal investigation. They are kept fully revised to date, and the 1898 edition contains a new map of Canada, showing the new boundary line of the Province of Quebec, etc. It also contains a new map of Cuba, Philippine Islands, Porto Rico, etc.

### THE STANDARD LITERATURE SERIES,

Of thirty-five volumes, for supplementary reading, is receiving universal praise from those who have used them.

### HOLMES' & DAVIS' READERS.

The one containing scientific reading matter, the other on the Thought and Sentence Method (Chelsea system) are likewise very popular.

### THE GOLDEN-ROD BOOKS,

Graded for the First, Second, Third and Fourth Readers, are by a practical educator, and are desirable for supplementary reading.

### CLARENDON DICTIONARY,

Revised for 1898, is a neat little book for school-room purposes. Write us regarding these, as well as other publications.

University Series of Copy-Books—Slant and Vertical.  
*The American Accountant.*

*Gildersleeve's Latin Series, etc., etc.*

## UNIVERSITY PUBLISHING COMPANY,

43-47 EAST TENTH STREET, NEW YORK.

# Imparts Energy

Horsford's Acid Phosphate

The most agreeable and effective remedy for relieving Languor and Exhaustion, so common in the spring and summer months. Its nutrient and tonic effects give tone and vigor to the entire system.

Taken before retiring it quiets the nerves and induces refreshing sleep.

For sale by all Druggists.

Counsel—What is your age, madam?

Schoolma'am—Forty-seven, sir.

Counsel—Married or single?

Schoolma'am—Single. I never had an offer of marriage in my life, and if it is of any interest to the court, I don't mind saying that I have worn false hair for nearly thirty years.

Counsel—Hem! That is all, madam. There is no use to shake the direct testimony of so truthful a woman as you are.

Teacher—What is the greatest technical discovery in the century?

Pupil—Slot machine for chewing gum.

The professor of painting has just entered the class room, where smoking is strictly prohibited. Here he finds an art student holding in his hand a newly-filled cherry pipe.

Professor (ironically)—What a queer paintbrush you have got there; what are you going to do with it?

Student—Oh, I am going to make the clouds with it!



UNCLE SAM'S NEW CLASS IN CIVIL GOVERNMENT.—A. T. C.

**BENJ. H. SANBORN & CO.** The Cambridge Literature Series. PUBLISHERS, BOSTON.

Under the supervision of Thomas Hall, Jr., Harvard College. Bound in paper and Levantine. these are at the same time the BEST and the CHEAPEST of the English Classics required for admission to colleges. Correspondence solicited.

Student Viermotel: "Mein Alter schreibt mir: Wenn Du so fortfährst, bist Du im nächsten Semester nicht mehr Student. Der Professor Wirtling sagt mir wieder: Wenn Sie so fortfahren, werden Sie ewig Student bleiben. Welcher von Beiden hat jetzt Recht?"

Der kleine Eugen: "Mama, Du mußt mir die Hosen besser ausflopfen lassen, der Lehrer beschwert sich immer über den Staub, wenn er mich durchhaut!"



Better Left Unsaid.

Superintendent—Have you taught school here long?

Teacher—I want you to understand that at my age it would be impossible for one to have taught school anywhere very long.

## School Legislation Galore.

A humorist in New York City, recognizing the absurdity of much of the school legislation that has been sought, presents a bill that contains the following provisions:

1. There shall be a superintendent of public and private education of the city of New York, who shall be appointed by himself and shall serve for life.

2. The salary of the superintendent shall be \$25,000 per annum. The superintendent shall live in what shall be known as the superintendental white house, on Fifth avenue, Manhattan, which shall be provided for him, rent free, together with free service and board.

3. The superintendent shall be the administrative and pedagogic head of all public and private schools of the city.

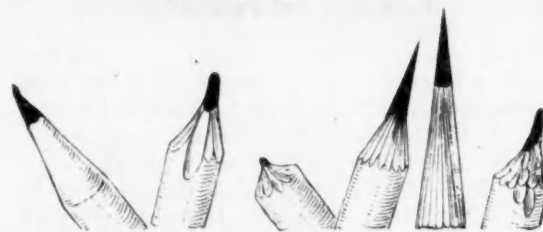
4. The superintendent shall appoint all deputies, clerks, principals, teachers, janitors and other employees as he may deem necessary.

5. The superintendent shall fix the salaries of all employees, determine their term of office, transfer, promote or remove them as he sees fit.

6. The superintendent shall see that all employees are paid on terms strictly sixty days, with 1 per cent. discount for fifteen day payments.

## Points for Teachers!

There are two reasons why



## DIXON'S AMERICAN GRAPHITE PENCILS

should be used in more schools than any other pencil made, 1st. They are carefully graded and have smooth tough leads. 2d. They hold their points better and consequently last longer than those of any other make. A teachers' Note Book and other descriptive and interesting reading matter sent with samples on application.

**JOSEPH DIXON CRUCIBLE CO., Jersey City, N. J.**

7. The superintendent shall establish not less than 150 training schools, provided that no one of them shall be located within the corporate limits of this city, and may or may not appoint the graduates therefrom as he deems expedient.

8. No teacher shall be appointed who does not hold a Q certificate, obtained upon examination, and who does not have one of the following qualifications:

(a) Graduation from a German university, with two years' experience in teaching in Japan.

(b) Graduation from a Japanese university, with two years' experience in teaching in Germany.

(c) Forty years' experience in teaching in New York City.

9. No principal shall be appointed who has not had at least five years' experience as a kindergarten in the state of Kansas or fifteen years of similar service in the Philippine Islands.

10. The superintendent shall purchase all sites for school buildings and where necessary condemn and appraise private buildings therefor.

11. The superintendent shall design and build all school buildings, buy furniture therefor and remodel or discard the same as he sees fit.

12. The superintendent shall purchase and distribute all text books, general stock, fuel and other supplies.

13. If at any time the superintendent deem that any school is not being properly conducted he shall dismiss the principal, teachers, pupils and janitors thereof and conduct the school himself.

14. Upon the expiration of his term of service the superintendent may retire on a pension of \$24,000 per annum.



Professor of Chemistry (troubled)—But, since in the face of my own calculations in this experiment this laboratory was not blown up, I must admit my error.

## MAYNARD, MERRILL & CO.

Publish approved Text-Books in Reading, Writing, Drawing, Spelling, Arithmetic, Algebra, History, Language Work, Grammar, English Literature, Rhetoric, Physiology, Psychology, Physics, Political Economy, Mythology, Music, etc.

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The bachelor mayor of Greater New York is a man of considerable wit and humor. Recently three hundred women teachers called upon him with a view of having him sign a certain measure in which they were interested. He received them with courtesy, and, after hearing what they had to say, exacted from them a pledge that if he should sign the document, they would make no demonstration in his office. He sat down and wrote his signature; when he had concluded, the teachers forgot the promise made and gave him a hip, hip, hurrah and cheers. He suddenly became very stern, and when he could make himself heard, said: "This is very unseemly; I shall now sue you, one and all, for breach of promise."

#### Berthold F. Zinn.

MILWAUKEE'S NEW SCHOOL BOARD PRESIDENT—HIS LABORS AND THEIR RESULTS.

The elevation of Berthold F. Zinn to the presidency of the Milwaukee school board is a singularly well-deserved tribute to a useful term of service as a member of that body. Mr. Zinn entered the board several years ago and was assigned several committees, among them that on supplies. Close application to the work of this committee soon convinced Mr. Zinn that radical changes could be made which would enhance the quality as well as regulate more closely the distribution of school supplies and would materially reduce their cost. His zeal in this direction was so generally recognized that he was appointed to the chairmanship of the committee on supplies by three successive presidents.

Instead of buying the smaller supplies upon orders issued in open market, a substantial stock of supplies was purchased and kept on hand, subject to a systematic distribution according to actual necessities. In the matter of fuel Mr. Zinn studied carefully the grades of coal used, the kind of furnaces with which the different schools were equipped, with a view of making improvements. The result exceeded his



BERTHOLD F. ZINN,  
President School Board, Milwaukee, Wis.

own expectations. After some experiments instituted by him with several kinds of coal, a certain grade was adopted, and the enormous saving of \$10,000 effected in one year. Thus good management and economy was introduced in an important department which will prove of inestimable advantage to the school system for years to come.

On the floor Mr. Zinn has always proven himself fearless and positive. His presentation of arguments have always been plain, yet able.

Mr. Zinn is in the prime of life, full of energy—a frank, outspoken man, and progressive. The school system will, no doubt, make forward strides during his administration.

#### Duties and Rights of City Superintendent.

(Continued from page 4.)

After a most careful study of the situation it appears true that only one feature of the law which bears on the rights of city superintendents could be considered ripe for judgment as to change: a simple provision of the law affecting their election and tenure might prove beneficial to the schools. As now put into practice, the law results in the annual election of that officer, and at the end of the year he may be thrown out of place by mere inaction of the board. That body may neglect to do anything, and thus leave vacant the superintendency. Sometimes this policy is entirely justifiable. But, on the whole, it does not affect the schools favorably. It leads to evasion of duty, and to complications which are impossible under a

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positive mode of action. It is therefore suggested that a single sentence be added to the school law, which, in the matter of dismissing superintendents, will change the policy from negative to positive form. It might read like this: When the board of education of any independent or special district once elects any superintendent, teacher or janitor, he or she shall hold his or her place until it is declared vacant by the usual vote of the body making the election; all acts and parts of acts in conflict with this provision are hereby repealed.

#### Text Book News.

Rebecca S. Pollard, author of the Pollard Synthetic System of reading and spelling is delivering very instructive and entertaining lectures throughout the country.

Michigan. Attorney-General Oren has filed an opinion with Superintendent of Schools Hammond that any school district can, under the present law, adopt free text books.

## EPOCH-MAKING BOOKS

#### HALL'S MATHEMATICAL SERIES

By Prof. Frank H. Hall.

**The Werner Arithmetics:** a three-book course for graded schools.

**The Hall Arithmetics:** a two-book course for graded and ungraded schools.

**Teachers' Hand Book:** for teachers using the Werner Arithmetics.

#### THE DeGARMO LANGUAGE SERIES

**DeGarmo's Language Lessons, Books I and II:** for graded schools.

**DeGarmo's Complete Language Lessons:** for ungraded schools.

By Chas. DeGarmo, Ph.D., Cornell University.

**The Elements of English Grammar,** (in press).

By Geo. P. Brown, formerly Supt. Schools, Indianapolis, Ind.

#### THE WERNER GEOGRAPHIES

By Dr. H. S. Tarbell, Supt. Schools, Providence, R.I.

**The Werner Introductory Geography:** 24 maps and 360 illustrations.

**The Werner Grammar School Geography, Part I:** 140 diagrams and outline maps, and 109 illustrations.

**The Werner Grammar School Geography, Part II:** 54 pages of maps, and 1185 illustrations.

#### "FOUR GREAT AMERICANS" SERIES

Edited by James Baldwin, Ph.D.

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#### THE PRACTICAL SERIES OF SCHOOL PHYSIOLOGIES

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# DIRECTORY OF POPULAR SCHOOL AND COLLEGE TEXT BOOKS

For the convenience of school officials contemplating or considering adoptions, this list has been carefully prepared. It represents the modern and progressive School and College text books of the day, adopted by the leading Boards of Education in the United States, and recognized by the best educational authorities.

## Agriculture.

Voorhees' First Prim. SB&Co

## Algebra.

Milne's Elements of... ABCo

" High School... ABCo

White's School... ABCo

Brooks'... CS&Co

Wentworth's... G&Co

Gilbert & Sullivan's... H&Co

Freeland's... LG&Co

Hall & Knight's... MacCo

Smith-Stringham's... MacCo

Thompson's New... MM&Co

Durrell & Robbins'... M&Co

Collins'... SF&Co

Boydler's First Book... SB&Co

Lilly's Elements of... SB&Co

" Higher... TB&Co

Beginners'... TB&Co

Atwood's Standard... TM&Co

Bradbury's Ele... TB&Co

Bradbury's & Emery's... TB&Co

Sanford's Ele... UP&Co

Nicholson's Ele... UP&Co

Venable's Easy... UP&Co

Venable High School... UP&Co

Giffin's Gram. Sch... WSB&Co

## Arithmetics.

Milne's Elements... ABCo

" Standard... ABCo

Bailey's Elementary... ABCo

" Comprehensive... ABCo

Baird's Series... ABCo

Bailey's Mental... ABCo

Robinson's New Higher... CS&Co

Brooks' New... CS&Co

" Mental... G&Co

Prince's... G&Co

Speer's... G&Co

Wentworth's... G&Co

Harper's Advanced... H&Bros

Coburn's First Lesson... H&Bros

" In... HM&Co

Thompson's 1st Les... MM&Co

" Comp... MM&Co

McLellan & Ames' Ser... MacCo

New Practical... PT&Co

Mills' Easy Problem... SB&Co

Normal Course (2)... SB&Co

New Franklin Series... S&Co

Sheldon's Series... S&Co

Stoddard's New... SF&Co

Belfield's Ele... SF&Co

" Comp... SF&Co

Thurston's P. Tests... SR&Co

Cogswell's Lessons... TR&Co

Bradbury's Eaton's... UP&Co

Nicholson's Series... UP&Co

Sanford's Series... UP&Co

Venable's Series... UP&Co

Werner Series—Hall... WSP&Co

Business... W&R

Nichol's Graded Les... WSB&Co

## Art.

Brown's... CSSH

D'Anvers' History of... CSSH

Van Dyke's Painting... LG&Co

Hamlin's Architecture... LG&Co

Marquand & Frothingham's Sculpture... WSB&Co

Abbott's... SB&Co

## Astronomy.

Todd's New... ABCo

Bowen's... ABCo

Gillet and Rolfe's... ABCo

Kiddie's New Ele... DA&Co

Bail's Atlas of... DA&Co

Young's... G&Co

Bail's Elements... LG&Co

Howe's Ele of... SB&Co

Peck's... SB&Co

Howe's... SB&Co

## Biology.

Boyer's Tablets... CSSH

Stevenson's... DA&Co

Ridgway's... LG&Co

Parker's... MacCo

Pillsbury's Ele... SB&Co

## Bookkeeping.

Bryant & Stratton's (2)... ABCo

Lyte's Book... CS&Co

Montgomery's Mod... MM&Co

Progressive... PT&Co

Hall's Art. of Accts... SR&Co

Mayhew's Standard... SB&Co

Meservey's... TR&Co

American Accountant... UP&Co

Werner... WSB&Co

New Complete... W&R

Bookkeeping Blanks... H&N

## Botany.

Apgar's Analysis... ABCo

Bentley's... DA&Co

Coulter's... G&Co

Gray's... ABCo

Clark's... CSSH

Boyer's Tablets... CSSH

Bergman's... G&Co

Curtis'... LG&Co

Bailey's Les... MacCo

Setchell's Lab... M&Co

Nature Calendar... M&Co

## Business Forms.

Eaton's... ABCo

Krone-Paragarr... KBros

Merrill's... MM&Co

## Chemistry.

Cooley's Text Book... ABCo

Storer & Lindsay's... ABCo

Kelser's Lab... CSSH

Boyer's Tablets... CSSH

Cooke's New... DA&Co

" Lab. Proc... DA&Co

Roscoe's Series... DA&Co

Williams'... G&Co

Newth's Inorganic... LG&Co

" Ele. Inorganic... LG&Co

" Chem. Analysis... LG&Co

Thorpe's Quan. Anal... LG&Co

Thorpe & Mulr Q. A... LG&Co

Muir's Practical... MacCo

Roscoe & Lunz's... MacCo

Richardson's... MacCo

Noyes' Qualitative... MacCo

Talbot's Quantitative... SB&Co

Meads' Elements... SB&Co

The Young Chemist... SB&Co

Qualitative Analysis... SB&Co

Quantitative Analysis... SB&Co

Practical Analysis... SB&Co

Inorganic Chemistry... SB&Co

Avery's Physics... S&Co

" Civics... ABCo

Forman's... ABCo

Mowry's... SB&Co

Judson's Young A... MM&Co

McClary's... ABCo

" Civil Government... ABCo

Peterman's... ABCo

Willoughby's Am. Cit... ABCo

Cocker's... H&Bros

John Fiske's... H&Bros

Young's... MM&Co

Martin's Hints... SB&Co

Elements of... SB&Co

Finger's Lowry's... UP&Co

Hinsdale's Am. Gov... WSB&Co

" Composition and Rhetoric... ABCo

Rolin's English... ABCo

Boyd's Elements... ABCo

Harper's Practical... ABCo

Swinton's School Eng... ABCo

Butler's School Eng... ABCo

Quackenbos' Pract... ABCo

Waddy's... CSS

Frink's... CSS

Hill's Foundations... H&Bros

" Prin... H&Bros

Ruehler's Pract. Ex... H&Bros

Riverside Primer... HM&Co

Longman's... LG&Co

Baldwin's... MM&Co

Collard's Beginners'... MM&Co

Le Row's Practical... MM&Co

Kellogg's Book on... MM&Co

Fairy Tale & Fable... MM&Co

Kellogg's Book on... MM&Co

Fairy Tale & Fable... MM&Co

Carpenter's H. Sch... MacCo

" Advance... MacCo

Lewis' Writing Eng... SB&Co

English Comp... SB&Co

Complete Rhetoric... SB&Co

New Franklin Series... S&Co

Hill's Elements... S&Co

Normal Series... SB&Co

Stepping Stones... SB&Co

English Composition... SB&Co

Complete Rhetoric... SB&Co

Sheldon's Series... S&Co

New Franklin Series... S&Co

Hill's Elements... S&Co

New Normal... WSB&Co

Columbian... WSB&Co

" Cyclopedic... DACo

Johnson's... DACo

" Copy Books... DACo

(See Penmanship.)

" Dictionaries... ABCo

Webster's School... ABCo

Velazquez Spanish... DA&Co

Meadow's Franch-Ger... DA&Co

Adler's German-Eng... DA&Co

Millhouse Eng-Italian... DA&Co

Webster's Inter... G&CMCo

" National Pict... G&CMCo

Liddell's Greek... H&Bros

Harper's Classical... H&Bros

" Latin... H&Bros

Autenrieth's Homer... H&Bros

Blackley & Friedland... H&Bros

er's Ger-Eng... LG&Co

Longman's Pocket... LG&Co

Contanseau's Fr-Eng... LG&Co

" Pocket. Fr-Eng... LG&Co

Browne & Haldeman... UP&Co

Clarendon... UP&Co

" Drawing... ABCo

Eclectic Series... ABCo

American Series... CPCo

Krone-Paragarr (27)... KBros

" Nos... KBros

" Industrial (14)... KBros

" Nos... KBros

" Paragarr map (6)... KBros

" Nos... KBros

" Paragarr map... KBros

sheets with outlines... KBros

Morris' Teaching of... LG&Co

" Geometrical... LG&Co

Wilson's Geometrical... LG&Co

Halle's Prac. Draw... MM&Co

Prang's Primary Course... MM&Co

Manuals, Parts I and II... PECO

Primary Course with... PECO

out Clay, Man... PECO

uals, Parts I and II... PECO

Ball's Paper Folding... PECO

and Cutting... PECO

Prang's Shorter Course... PECO

(1-5)... PECO

" Ele. Course... PECO

" Course for Grad... PECO

Schools... PECO

Course for Un... PECO

graded Schools... PECO

" Rouillon's Mec... PECO

" Color Suggest'ns... G&Co

" Geometric Prob... G&Co

White's Art Inst. (1-9)... G&Co

Bartholomew's Free... G&Co

Shaylor's Nor. Course... SB&Co

" Hand... UP&Co

Eclectic Industrial... UP&Co

Natural Drawing Ser... UP&Co

6 Numbers... PPCo

" English Literature... ABCo

Alden's Studies... ABCo

Brooks' English... ABCo

Gilman's First Steps... ABCo

" Early Lit... ABCo

Schoolmaster in Lit... ABCo

Westlake's... CS&Co

Baas' Shakespeare... CSS

Chaucer... CSS

Labban's Essays... CSS

A Study of Eng. Prose... CSS

Gosse's... DA&Co

The Orthoepist... DA&Co

The Verbalist... DA&Co

Bain's Teach. Eng... DA&Co

Bryant's Leaflets... DA&Co

Irish's Am. & Brit. Auth. FVI

" Lit. Gem-Book... FVI

Treas. Thoughts... FVI

Rolfe's Shakespeare... FVI

the Boy... H&Bros

Swinton's Studies... H&Bros

Johnson's Lit. Crit. H&Bros

Robertson's Hist. of... H&Bros

Phillips' Manual... H&Bros

Richardson's Amer... HM&Co

Masterpieces Brit. Lit... HM&Co

Riverside Series... HM&Co

Masterpieces Am. Lit... HM&Co

Modern Classics... HM&Co

American Poems... HM&Co

American Prose... HM&Co

ics, 27 Vols... LG&Co

Higginson's Am. Auth... LG&Co

Longman's Eng. Lit... MM&Co

Maynard's Series... MM&Co

Kellogg's on... MM&Co

Brooke's... MacCo

Rates' Am. Lit... MacCo

Carpenter's Am. Prose... MacCo

George's Chancer to... Mac



Barnett's Teaching and Organization...LG&Co  
Garlick's Manual of Methods... " "  
Beale's Work & Play... " "  
Salmon's Art of Teach... " "  
Halleck's Ed. Nerv. Sys. MCo  
Morgan's Studies...SB&Co  
Putnam's... " "  
Arnold's... " "  
Putnam's Manual of SB&Co  
Mistakes in Teach...H&N  
Page's

**Penmanship.**  
Barnes' Vertical...ABCO  
Spencerian Series... " "  
Curtis' Semi-Vertical... " "  
Roudsbush Writing...CSSH  
Illustrated Lessons & Lectures in...ECo  
Large Reversible Writing Books... " "  
Current Copy Books... " "  
Vertical Series... " "  
Smith's Writ. Prim. HPSPCo  
Ed. System... " "  
Longman's New Copy Books...LG&Co  
Krone-Paragarr System (22 Nos.)...KBros  
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" German (13 Nos)... " "  
" German, Vertical (8 Nos)... " "  
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New Cent. Intermedial MCo  
Normal System...SB&Co  
Sheldon's Vertical...S&Co  
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University Series...UPCo  
Simplified Penmanship  
Economic System of Penmanship, 6 Nos. PPCo  
Potter & Putnam's System of Vertical Writing, 10 Nos... " "

Pen Written Copies...W&R  
Ellsworth's...WSBC

**Logie.**  
Bain's...ABCO  
Day's... " "  
Day's Elements of...ABCO  
Schuyler's Prin. of... " "  
Mill's System...DA&Co  
Davis' Series...H&Bros  
Bowne's Series... " "  
Poland's...SB&Co  
Mills' System...LG&Co

**Phonetic Reader.**  
C. W. Dean's...MCo  
Ward's Nat. Method in Reading...SB&Co  
Riley's New Phonetic Primer...PPCo

**Physics or Natural Philosophy.**  
Appleton's School...ABCO  
Cooley's Series... " "  
Steele's Popular... " "  
Trowbridge's New... " "  
Well's Nat. Phil... " "  
Britton's...CSS  
Grant's... " "  
Dana's... " "  
Mills'... " "  
Storer's... " "  
Thompson's... " "  
Deschanel's N. Phil...DA&Co  
Dewar's First Prim...G&Co  
Westworth & Hill's... " "  
Hopkins' Preparatory LG&Co  
Watson's Practical... " "  
Wright's... " "  
Glazebrook & Shaw's... " "  
Practical... " "  
Balfour-Stewart's...MacCo  
Nichols'... " "  
Shaw's...MM&Co  
Mead's Ele. of...SB&Co  
Avery's...S&Co  
Grifford's Elements...TB&Co

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Overton's Series...ABCO  
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Kellogg's First Book... " "  
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Ferneux's Phys...LG&Co  
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New Speller...H&N  
Gem Spelling Blanks PL&Co  
De Vere's Grammar... " "  
Student's...SF&Co  
Normal Course...SB&Co  
Sheldon's Word Studies S&Co  
Patterson's Com. School Speller... " "  
Plain English...PTBCo  
Holmes' Elementary...UPCo  
Hansell's Primary... " "  
Pollard Speller...WPH  
Columbian...WSBCo  
Seventy Lessons...W&R  
Classic Speller, 2 Nos. PPCo  
Student's Standard Speller... " "

**School Records.**  
Smith's Register...H&N

**Translations.**  
Literal of the Classics DMCK  
Interlineal... " "  
Classical Library...H&Bros  
Handy (75 vols.)...H&N

**Writing.**  
Standard Vertical...CSCo  
Popular System... " "  
Shaylor's System...G&Co  
Smith's System...HSCo  
Merrill's...MM&Co  
Normal System...SB&Co

**Zoology.**  
Burnet's...ABCO  
Holder's Elementary... " "  
Morse's First Book in... " "  
Steele's Series... " "  
Johannot's Series...S&Co  
Nicholson's Manual...DA&Co  
Beddard's...LG&Co

## ABBREVIATIONS.

American Book Co...ABCO  
Appleton & Co., D...DA&Co  
Concordia Pub. Co...CPCo  
Central Sch. Sup. H...CSSH  
Charles Scribner's Sons...CSS  
Ellsworth Co., The...ECo  
Ginn & Co...G&Co  
Harper & Brothers...H&Bros  
Hinds & Noble...H&N  
Houghton, Mifflin & Co...H&N  
Irish, Frank V...FV  
Krone Bros...KBros  
King, Richardson & Co...KR&Co  
Longmans, Green & Co...LG&Co  
Maynard, Merrill & Co...MM&Co  
Merriam, G & C Co G&CMCo  
Morse Co., The...TMCo  
Macmillan Co...MacCo  
Pitman & Sons, Isaac...IP&Sons  
Potter & Putnam Co...PPCo  
Prang Educational Co PECo  
Powers, O. M...OMP  
R L Meyers & Co...M&Co  
Sanborn & Co., B. H. BHS&Co  
Sheldon & Co...S&Co  
Silver, Burdett & Co SB&Co  
Smith Pub. Co., H. P...H&P  
Scott, Foresman & Co SF&Co  
Sower Co., Christopher CSCo  
Thompson, Brown & Co...TB&Co  
University Pub. Co...UPCo  
Western Pub. House...WPH  
Williams & Rogers...W&R  
Werner School Book Co...WSBCo  
Lothrop Publishing Co LPCo

## Artificial Blackboards.

(Continued from page 11.)

mixture of fine pumice stone and varnish, left a sandpaper finish. On being told that his boards would not only cut the erasers and crayons very fast, but it would leave the boards gray with the dust which the erasers could not reach, said: "Oh, I can wash that out. I wash my boards every day." Washing is a very great abuse of blackboards. If the board, the eraser and the crayons are what they ought to be, the boards will very seldom require washing—not oftener than once or twice in a term, and then only with a damp cloth or sponge, and immediately rubbed dry. Boards are very badly abused by the improper use of the crayon. When a person takes a short bit of crayon in the fingers and has to pinch it hard, it is natural to strike it hard on the board, which not only deposits an unnecessary amount of chalk, but it makes a mark which is hard to erase, and is likely to leave an imprint on the board after the dust is erased. Besides, it forms a habit of contracting the fingers, which habit is perpetuated in the use of the pen and pencil. Therefore, the crayon holder should always be used in order to keep a uniform length in the hand.

Here it must not be assumed that the artificial blackboard is preferable over slating. While the latter is more durable, its price is naturally higher. The relative demand between slate and artificial blackboards is regulated by the price. The purchase depends upon the judgment or wishes of the purchaser. We are here merely discussing artificial blackboards.

Now as to the essential qualities for a good board. It should be a good dead black (flat), so that the crayon work can be run from any angle. It should be hard enough to abrade the crayon without being indented. It should be so fine as to show no sign of grit to the touch, for if the grit is coarse enough to be felt with the hand, it will, of course, make an unnecessary amount of chalk dust, which is both annoying and harmful. While it should be sharp enough to catch the lightest touch of the crayon, at the same time it should be incapable of being polished with the crayon. Any member of a school board, or any teacher or janitor who thinks that a blackboard must have a gritty surface like fine sandpaper, should at least begin to investigate. Even the natural slate boards, in order to suitably cut the crayon, should be ground to a perfect surface next to a polish, in order to get the best results.

## Among Bookmen.

On February 14th C. F. Stearns, Ohio agent for the American Book Co., completed twenty-three years' service with the Cincinnati branch of the American Book Co. On February 14th, 1876, he accepted a position with the old firm of Wilson, Hinkle & Co., taking up the work at Boston, Mass. His service in the Eastern states with Wilson, Hinkle & Co., Van Antwerp, Bragg & Co., and the American Book Co., ended with the close of 1890. With the beginning of 1891 he entered his present field, which he has covered in a most satisfactory manner ever since. In fact, Mr. Stearns' entire career as a

bookman is characterized by faithful service and good results.

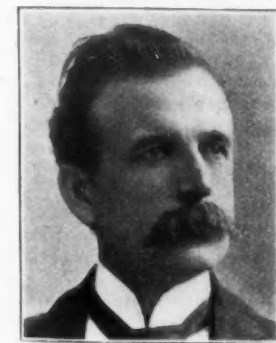
Mr. Spencer was born at Niagara Falls, Ont., and was educated at the University of Toronto, from which he has the degrees of B.A. and M.A.

Arthur S. Somers, the bookman of Brooklyn, recently appeared in an amateur minstrel performance given by the Hanover club of that city. He played the banjo and proved a success.

Mr. Thomas Charles, president of the Thomas Charles Company, has returned from a three months' sojourn at Orlando, Fla., where he had gone for a change of air and rest.

Mr. Spencer—we mean Z. C. Spencer—began life like all bookmen do—as a schoolmaster.

He served as superintendent of schools at Battle Creek, Mich., for six years. Thereafter he was for a like period the treasurer of the Union School Furniture Co. His career as a bookman, then, began, serving for one year as the representative of Maynard, Merrill & Co. He reverted back to school work, and was from 1895 to 1898 superintendent of schools at Berwyn, Clyde, Morton Park and La Vergue, Ill. In August last he again entered the employ of Maynard, Merrill & Co., with headquarters at Chicago.



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With Maynard, Merrill Co.,  
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(Sears, Roebuck & Co. are thoroughly reliable.—Editor.)



### New School Buildings.

La Crosse, Wis. An eight-room school will be built this summer.

Superior, Wis. An addition is to be made to the Jas. G. Blaine school.

Dallastown, Pa. A new school is in course of erection.

Montgomery, Ala. Two new schools are to be erected.

Boulder, Colo. A new school. Write H. O. Dodge, secretary school board.

New Haven, Conn. An addition to the Montowese school is in course of erection.

Sheton, Conn. An addition to be made to the Ferry school.

Litchfield, Ill. A new 4-room school. Plans drawn by Architect F. S. Allen, of Joliet, Ill.

Nokomis, Ill. A new \$25,000 high school. Architect F. S. Allen, of Joliet, Ill., prepared the plans.

Harvey, Ill. A new high school building.

Charleston, Ill. Plans for new high school were drawn by C. W. Rapp, architect, 100 Washington street, Chicago.

Bement, Ill. A new 12-room school. Plans were prepared by Architects Reeves and Baillie, Peoria, Ill.

Culver, Ind. The Culver Academy is to build a new building. To be 106x50 feet, and three stories.

Petroleum, Ind. A new 5-room school.

South Bend, Ind. A new school according to plans drawn by Architects Dirham and Schneider.

Grinnell, Ia. Plans for the new school drawn by Architects Smith and Gutterson.

Iowa City, Ia. A new \$30,000 school will soon be in course of erection.

Washington, Ia. A new school in the First ward.

Oskaloosa, Ia. An addition to the Third ward school.

Russell, Ia. A new 6-room school.

Bussey, Ia. A new school. Plans prepared by Architects W. R. Parsons & Son Co., Des Moines.

Pomeroy, Ia. The corner-stone of the new school house has been laid.

Des Moines, Ia. An addition has been made to the Oak Park school.

Beattyville, Ky. Bids for the erection of a new school have been asked.

Westboro, Mass. An addition, 50x90 feet, and two stories, is being erected to the Lyman school.

Detroit, Mich. A new 12-room school in the vicinity of Twenty-fourth street and Chope place; also a new 12-room school on the Franklin school site. Write L. H. Chamberlin, secretary board of education.

Iron Mountain, Mich. A new 8-room school according to plans of Architect J. E. Clancy, Green Bay, Wis.

Ishpeming, Mich. The question of building a new school is being agitated.

Escanaba, Mich. By a big majority it was decided to issue \$15,000 of bonds for a new school.

Byron, Minn. Contract for building new school soon to be let.

Brooklyn, Minn. Nothing definite has been decided yet in regard to the proposed new school.

Glenwood, Minn. A new 8-room school according to plans drawn by Architect C. S. Sergrwick, 1207 Lumber Exchange, Minneapolis.

## School House Heating.

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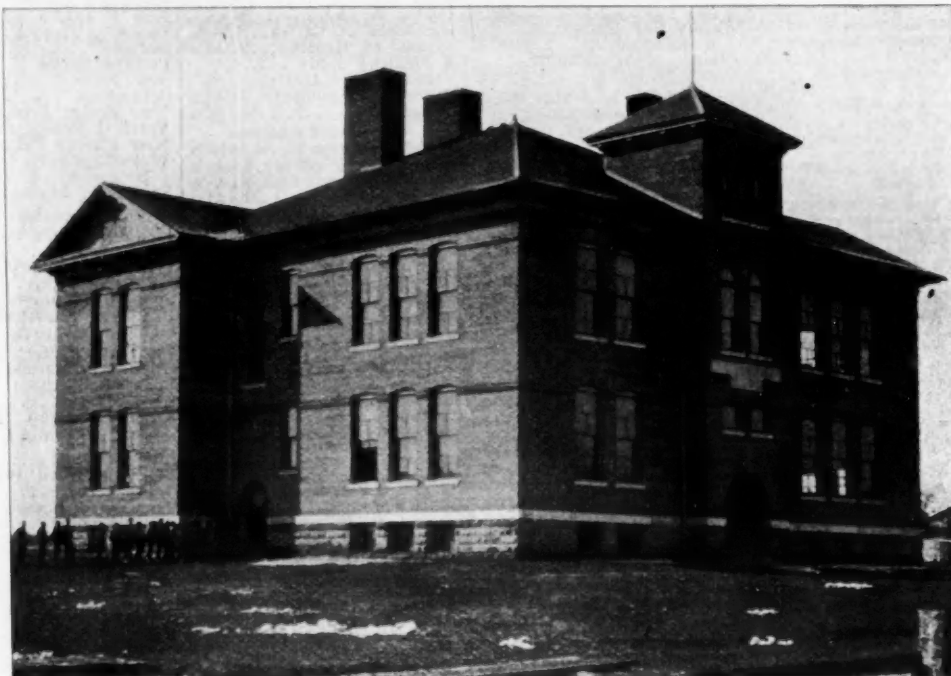
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Duluth, Minn. Architects Palmer, Hall and Hunt have plans for a normal school to be erected in this city. \$75,000.

Ocean Springs, Miss. A new \$4,000 school. Plans prepared by Architect W. T. Harkness, Biloxi, Miss.

Columbus, Mont. A new 4-room school.

Forsyth, Mont. Plans for a 6-room school to cost from \$7,000 to \$9,000 are wanted.

Omaha, Neb. The board of education has approved plans for a high school addition.

Tekomah, Neb. A new 9-room school.

Wakefield, Neb. It is contemplated to build a new school.

Lyons, Neb. Architect W. J. Keith, Minneapolis, Minn., made plans for a school house for Lyons. \$3,000.

St. Louis, Mo. A new school. To be 49x72 feet, and two stories. To cost \$9,000.

Burlington Junction, Mo. A new school according to plans drawn by Architect A. A. Searcy, Maryville, Mo.

Blair, Neb. The board of education has retained Architect John Latenser, of Omaha, to prepare plans and superintendent the erection of a new high school building.

Trenton, N. J. Competitive plans are being prepared for a school for the Industrial School for Girls.

Bridgeton, N. J. A new school. Architect Seymour Davis, 907 Walnut street, Philadelphia, Pa., prepared the plans.

Flemington, N. J. Architect F. S. Allen, Joliet, Ill., has prepared for the board of education plans for a 12-room school.

Syracuse, N. Y. The Willard school is to be entirely remodeled.

Cobleskill, N. Y. A \$10,000 addition is to be made to high school.

New York, N. Y. Write Architect C. B. J. Snyder, 585 Broadway, regarding new school to be erected corner Ogden and Locust avenues.

Oneida, N. Y. The Cherry street school is to be rebuilt.

Bottineau, N. D. Two new schools are to be built.

Colfax, N. D. Ground for erecting new school has been broken.

Dazey, N. D. It has been finally decided to build a new school house.

Cleveland, O. An 18-room school to be erected on Harmon street, corner of Woodland avenue. Write H. Q. Sargent, school director.

Geneva, O. Plans for the new school prepared by Owsley & Boucherle, of Youngstown, O.

Plattsburg, O. A new 4-room school. To be 50x56 feet. To cost \$5,000.

Kenton, O. An 8-room grammar school. Write A. S. McKittrick, president board of education.

Glendale, O. Action on the erection of a new school will soon be taken.

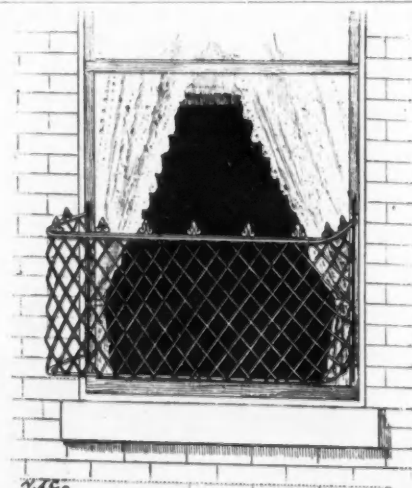
Washington, Pa. Two new schools. One in the First ward and the other in the Third ward.

Monessen, Pa. Bids for erecting the new school have been received.

McKees Rocks, Pa. An 8-room addition to cost \$14,000 to be made to school building.

Duquesne, Pa. A new \$20,000 school. Plans drawn by Architect J. A. Long, Park building, Pittsburgh, Pa.

North Washington, Pa. Contract for building new \$25,000 school soon to be let.



"The above cut illustrates one of the many styles of goods manufactured by the

## NATIONAL IRON CO.,

1123 Broadway, NEW YORK. AND REED CITY, MICH.

This Company not only manufactures the celebrated National Fire Escape which has been adopted by many schools throughout the country, as well as hotels, and sundry other buildings, also manufacture all classes of wire and iron work, school wire window guards, etc. The school window guard manufactured by this company has been given the preference over all others as they embrace the good points of our competitors, combined with strength and durability and good looks."



## EAGLE VERTICAL PENS FOR VERTICAL WRITING

Are the most popular and give the best of satisfaction, and are used more extensively than any other Vertical Pen on the market.

### For Firm or Unshaded Writing:

No. 1, Medium Point; No. 2, Medium Fine Point; No. Extra 4, Fine Point.

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No. 5, Fine Medium Point; No. 6, Extra Fine Point.

### For Semi-Flexible Writing:

No. 7, Fine Point; No. 8, Extra Fine Point.

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No. 170 and 570 for Primary Grades and the Nos. 120, 400, 410, 460, 470, 480 for advanced or higher grades.

We also manufacture over 1,000 styles of Pencils, Colored Pencils, Penholders, Rubber Erasers. Before placing orders send for samples and prices; you will find it greatly to your advantage.

**EAGLE PENCIL COMPANY, - New York.**

### Heating and Ventilating.

Peoria, Ill. Sandmeyer & Co., of this city, have won their suit against the board of education of Springfield, for infringement on the Dickson patents in the heating and ventilation system used in the construction of the high school recently built in that city. This is but the beginning of a series of suits and they will all go the same way from the fact that the Sandmeyer firm has now a ruling which establishes its right to the patents in question. The company claims that a large number of schools erected all over the United States during the past five years have adopted the Dixon system of heating and ventilating, but without asking leave to do so. The board of education will now be called upon to pay the regulation royalty of \$50 a room. This means thousands of dollars for the Peoria firm and it will come just like finding it.

Chicago, Ill. The West Pullman school has been fitted up with the Johnson Temperature Controlling Co.'s heat regulation.

Isaac D. Smead & Co. were last month awarded a \$10,000 school heating and ventilating contract in Pennsylvania. "No, I am not quite dead yet," said Col. Smead to a reporter; "that I am not is no fault of Toledo speculators and adventurers, assisted by some outside parties; I lost control of the Smead foundry early in 1896; its present sleeping condition and the collapse of a year ago was no fault of mine. Since then I have invented a better system than my old, and although by far the highest bidder in the Pennsylvania contest, we easily won out."

"Who is the company?"

"There isn't any; I simply use the old name under which I did business to the amount of several million dollars, before 'guardians' were appointed by corporations."

The Peck - Williamson Heating and Ventilating Co. of Cincinnati have been rushed with orders for heating and ventilating school houses. The company's work has won a prestige which is well earned.

The American Warming and Ventilating Co. of Chicago has taken several important contracts last month. The company also maintains an office in Kansas City. Lewis & Kitchen, the proprietors of the company, are energetic men who are thoroughly experienced in their branch of work.

Weatherly & Pulte, of Grand Rapids, Mich., are extending their work in heating and ventilation. They have some good work installed in several cities.

Chicago, Ill. The Englewood high school building is to be equipped with the Johnson Temperature Controlling Co.'s system of heat regulating.

Utica, N. Y. The following firms sent in bids for contract to equip the new school on Mandeville street with a heating and ventilating system: Hart & Crouse, Northcote Warming and Ventilating Co., International Heater Co., Peck-Williamson Heating and Ventilating Co.

### How's This?

We offer One Hundred Dollars reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure. F. J. CHENEY & CO., Toledo, O.

We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.

WEST & TRUAX, Wholesale Druggists, Toledo, O. WARDING, KINNAN & MARVIN, Wholesale Druggists, Toledo, O.

Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price 75c per bottle. Sold by all Druggists.

Oswega, N. Y. It is proposed that the school commissioners be appointed by the mayor, instead of elected by the people, as heretofore.

Springfield, Mass. The secret societies in the high school have been condemned on the ground that they lower the standard of scholarship.

Chicago. There are now 109 penny savings bank stations in the schools.

## TRANSLATIONS.

### INTERLINEAR.

HAMILTON, LOCKE AND CLARKS'.

Good Type—Well Printed—Fine Paper—Half-Leather Binding—Cloth Sides—Price reduced to \$1.50, postpaid. Send for sample pages.

### LITERAL.

THE BEST TRANSLATIONS.

New Copyright Introductions—New Type—Good Paper—Well Bound—Convenient for the Pocket—Price, postpaid, 50 cents each.

Catalogue free—send for one.

DAVID McKAY, Publisher, 10 Market St., Philadelphia.

## KINDERGARTEN SUPPLIES

SPECIALLY ADAPTED TO PRIMARY SCHOOL WORK.



Word Builders, Sentence Builders, Number Builders, Colored Inch Tubes, Colored Counting Pens, Assorted Colored Sticks, One-Half Inch Colored Beads, Colored Papers for Cutting and Folding, Weaving Mats, etc.

Also a Full Line of Kindergarten Books, Literature, etc.

Catalogues furnished on Application.

**THOS. CHARLES CO.,**  
195 Wabash Ave., Chicago.

**Writing in all Ages**  
No. 1.  
**Egyptians**  
3000 B.C.

**THE New Century**

Don't fail to examine it, if you are thinking about a typewriter. Ask for Catalogue and the address of nearest representative.

American Writing Machine Co., 316 Broadway, New York

Viroqua, Wis. Prof. W. W. Williams, superintendent of schools, has purchased a new Smith-Premier typewriter to be used in the high school.

Blackboards for new school buildings at North Adams, Mass., were furnished by the Standard School Furnishing Co.

Niagara Falls, N. Y. The board of education has purchased four Smith-Premier typewriters for use in the schools.

St. Stanislaus school, Shamokin, Pa., purchased blackboards from the Standard School Furnishing Co.

Lincoln, Ill. School for Feeble Minded purchased kindergarten supplies from Thomas Charles Co.

Take advantage of the Katy Flyer—a new fast train on the Missouri, Kansas & Texas railway from Chicago, St. Louis and Kansas City to Texas and intermediate points. For further information address H. A. Cherrier, 316 Marquette building, Chicago.

Louisville, Ky. Six Smith-Premier typewriters have been purchased by the board of education for use in local schools.

The new school at Rock Island will be equipped with the Olmsted artificial slate by the Standard School Furnishing Co. They have used this board for over ten years in their school buildings.

**ST. LOUIS BELL FOUNDRY.**  
STUCKSTEDE BROS., Props.  
Church Bells, Peals and Chimes.  
Of Best quality Copper and Tin.  
2836 & 2838 N. 3d St., St. Louis, Mo.

**CHURCH BELLS CHIMES and PEALS**  
Best quality on earth. Get our price.  
**McSHANE BELL FOUNDRY, Baltimore, Md.**

**'CHIC' LONG-FOCUS**  
(Short Range)  
**MAGAZINE CAMERAS**  
**MAKE CABINET PICTURES**  
—Also—  
**LANDSCAPES, INTERIORS**  
and Everything Photographable.  
**RISK YOUR LOCAL DEALER.**  
ALL JOBBERS.





## Sales Agents Wanted!

Men and Women make \$50 to \$200 every month selling our Gents' and Ladies' Waterproof Mackintoshes or Rain Coats. WE SELL MEN'S MACKINTOSHES in all styles at \$1.50 to \$4.75. LADIES' MACKINTOSHES AND WATERPROOF DRESS SKIRTS and CAPES at \$2.00 to \$6.00.

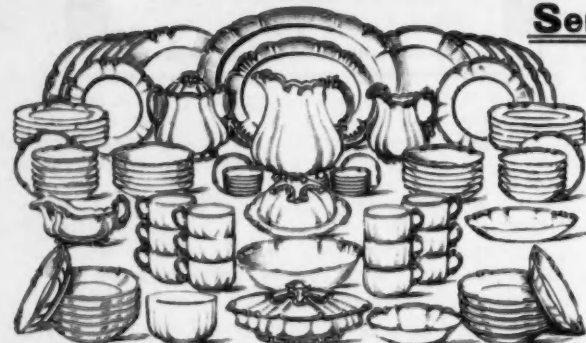
YOU (man or woman) can make \$5.00 every day taking orders for these garments. At your low prices, everyone will order from you, for no one can meet your prices. WE WANT ONE AGENT (man or woman) in every city. No experience necessary, no capital required. We furnish a BIG BOOK of Mackintosh Cloth Samples, fashion figures, your name on rubber stamp, tape measure, business cards, all necessary stationery. Everything complete for doing business.

We are the LARGEST DEALERS in America in Men's and Women's Waterproof Mackintoshes and we sell them at the lowest prices ever known, and exclusively through regularly appointed men and women agents, who make \$50.00 to \$200.00 every month at the work.

### OUR LIBERAL OFFER.

immediately SEND YOU FREE OUR SALESMAN'S COMPLETE OUTFIT on nearly \$2.00, for it is made very complete to insure immediate success for the agent. The outfit consists of one handsome heavy cloth bound book, 10x12 inches, containing a complete assortment of large samples of our entire line of men's and women's mackintoshes, also handsome large fashion figures, etc., one confidential price and instruction book, one tape measure, one rubber stamp with your name and pad, business cards, order blanks, stationery, etc. WE MAKE NO CHARGE FOR THIS OUTFIT, but as a guarantee of good faith on your part, and to protect us against those who would order outfits (which cost us nearly \$2.00) out of curiosity or just to get the cloth samples, we require everyone, after receiving the outfit at the express office, to pay as a temporary deposit 50 cents and express charges, and we will return the 50 cents with your first order. Understand we will send you the complete outfit by express C. O. D., subject to examination, you to examine the outfit at your express office and if found perfectly satisfactory and you are convinced you can make money taking orders, pay the express agent 50c and express charges, we will return your 50c with your first order.

**START TO WORK AT ONCE.** You need no money; show the samples, take the orders at your own price, adding a good profit for yourself; we will fill your orders daily, send the mackintoshes to your customers C. O. D., subject to examination. collect your full selling price and weekly send you in cash your full profit. No other work is so simple. Money can't be made easier. Any man or woman anywhere can make \$5.00 every day. Our book of instructions makes everything so plain that anyone can do the work at once and be sure of big wages from the start. Cut this notice out and send to us today saying you will give it 10 days' trial. YOU WILL NEVER REGRET IT. Nearly everyone sends the 50 cents with their application. We refer to Metropolitan National Bank or any Express Co. in Chicago. Address, **DUNDEE RUBBER CORPORATION, 184 Fulton St., Chicago.**



## Send One Dollar

CUT THIS AD. OUT and send to us, and we will send you this **NEW STYLE 100-PIECE WHITE CHINA DINNER SET** by freight, C. O. D., subject to examination. You can examine it at your freight depot and if found perfectly satisfactory, exactly as represented and THE GREATEST VALUE YOU EVER HEARD OF, pay the freight agent OUR SPECIAL OFFER PRICE, \$5.95, less the \$1.00, or \$4.95, and freight charges. Freight will average about 50c. for each 500 miles.

This Set Consists of 100 Pieces OF THE HIGHEST GRADE GENUINE VITREOUS WHITE CHINA of the very latest and most stylish shape, is as hard as flint, practically indestructible, pure white in color. THE FOLLOWING 100 FULL-SIZE

PIECES COMPLETE THE SET: 12 soup plates, 12 5-inch plates, 12 7-inch plates, 12 coffee cups, 12 saucers, 12 individual butter dishes, 12 4-inch fruit plates, 1 8-inch platter, 1 12-inch platter, 1 7-inch baker, 1 8-inch baker, 1 18-inch covered dish, 1 pickle dish, 1 sauce boat, 1 covered butter dish, 1 sugar bowl, 1 extra bowl, 1 large pitcher, 1 medium pitcher. FREIGHT WILL BE ABOUT 50 CENTS FOR EACH 500 MILES.

YOU WILL SAVE ONE-HALF IN PRICE. ORDER NOW; DON'T DELAY. Write for free catalogue of everything in Crockery. Address, **SEARS, ROEBUCK & CO. (Inc.), CHICAGO, ILLINOIS.**

## SEND ONE DOLLAR

live within 700 miles of Chicago, we will send you this **TOP BUGGY** by freight C. O. D., subject to examination. You can examine it at your freight depot, and if found perfectly satisfactory, exactly as represented, equal to buggies that retail at \$60.00 to \$75.00 and the GREATEST BARGAIN YOU EVER SAW, pay the freight agent OUR SPECIAL PRICE, \$38.90, and freight charges, less the \$1.00 sent with order.

**WE MAKE THIS TOP BUGGY** IN OUR OWN FACTORY IN CHICAGO, makers put in \$75.00 buggies, from better material than most. Latest style for 1899. Body, 24x34 from the Best Seasoned Wood. Gear, Best That Money Can Build. End Springs, as Illustrated, or Brewster Side Bar. Wheels, High Grade Screwed Rim Sarven's Patent. Top, 24 ounce, Daily Rubber Heavily lined, full side and back curtains. Paintless, guaranteed equal to any \$150.00 buggy work. Body black; Gear, dark green or Red. Upholstering, heavy green French body cloth or Egan's Leather.

**\$38.90 IS OUR SPECIAL PRICE** for top buggy complete, wide or narrow track, full length side and back curtains, worn apron, carpet, wrench, anti-rattlers and shafts. GUARANTEED TWO YEARS will last a lifetime. For Buggies at \$15.95 and up, write for FREE BUGGY CATALOGUE. YOU CAN MAKE \$500.00 This Year Selling OUR \$38.90 BUGGIES. ORDER ONE TO DAY, YOU CAN SELL IT FOR \$60.00. DON'T DELAY.

Address, **SEARS, ROEBUCK & CO. (Inc.), CHICAGO, ILL.**

## SEND US ONE DOLLAR

Cut this ad. out and send to us with \$1.00, and we will send you this **NEW IMPROVED ACME QUEEN PARLOR ORGAN**, by freight C. O. D., subject to examination. You can examine it at your nearest freight depot and if you find it exactly as represented, equal to organs that retail at \$75.00 to \$100.00, the greatest value you ever saw and far better than organs advertised by others at more money, pay the freight agent our special 90 days' offer price, \$31.75, less the \$1.00, or \$30.75, and freight charges.

**\$31.75 IS OUR SPECIAL 90 DAYS' PRICE** Less than one-half the price charged by others. Such an offer was never made before.

**THE ACME QUEEN** is one of the most DURABLE and SWEETEST TONED instruments ever made. From the illustration shown, which is engraved direct from a photograph, you can form some idea of its beautiful appearance. Made from solid quarter sawed oak, antique finish, handsomely decorated and ornamented, latest 1899 style. THE ACME QUEEN is 6 feet 5 inches high, 42 inches long, 23 inches wide and weighs 350 pounds. Contains 8 octaves, 11 stops, as follows: Diapason, Principal, Flauto, Melodia, Celeste, Crescend, Bass Coupler, Treble Coupler, Diapason Forte and Vox Humana; 2 Octave Couplers, 1 Tone Swell, 1 Grand Organ Swell, 4 Sets of Organ Toned Resonatory Pipe Quality Reeds, 1 Set of 37 Pure Sweet Melodia Reeds, 1 Set of 81 Charmingly Brilliant Celeste Reeds, 1 Set of 24 Rich Bell Smooth Diapason Reeds, 1 Set of 24 Pleasing Soft Melodious Principal Reeds. THE ACME QUEEN action consist of the celebrated Newell Reeds, which are only used in the highest grade instruments; fitted with Hammond Couplers and Vox Humana, also best Dolge felts, leathers, etc., bellows of the best rubber cloth, 3-ply bellows stock and finest leather in valves. THE ACME QUEEN is furnished with a 10x12 beveled plate French mirror, nickel plated pedal frames, and every modern improvement. We furnish free a hand some organ stool and the best organ instruction book published.

**GUARANTEED 25 YEARS.** With every ACME QUEEN ORGAN we issue a written binding 25-year guarantee, by the terms and conditions of which if any part given out we repair it free of charge. Try it one month and we will refund your money if you are not perfectly satisfied. 500 of these organs will be sold at \$31.75. ORDER AT ONCE. DON'T DELAY.

**OUR RELIABILITY IS ESTABLISHED** if you do not deal with us ask your neighbor about us, write the publisher of this paper or Metropolitan National Bank, or Corn Exchange Nat. Bank, Chicago; or German Exchange Bank, New York; or any railroad or express company in Chicago. We have a capital of over \$100,000.00, occupy entire one of the largest business blocks in Chicago, and employ nearly 2,000 people in our own building. WE SELL OURS AT \$22.00 and up; Pianos, \$115.00 and up; also everything in musical instruments at lowest wholesale prices. Write for free special organ, piano and musical instrument catalogue. Address, **SEARS, ROEBUCK & CO. (Inc.), Fulton, Desplaines and Wayman Sts., CHICAGO, ILL.**

## MORGAN & WRIGHT TIRE.



## Send One Dollar

Cut this Ad. out and send to us, state whether Gents' or Ladies' bicycle is wanted, gear and color wanted, and we will send you this **OUR HIGHEST GRADE 1899 Model ACME KING Bicycle** by express C. O. D., subject to examination. You can examine it at your express office and if found perfectly satisfactory, exactly as represented, equal to ANY BICYCLE MADE. THE GREATEST BARGAIN YOU EVER SAW and you are sure we are saving you \$25.00, pay the express agent Our Special Offer Price, \$23.75, and express charges, less the \$1.00 sent with order. The express charges will average \$1.00 for each 500 miles.

**OUR \$23.75 ACME KING** could not be made better, made from best material money can buy. **MORGAN & WRIGHT'S** highest grade one-year guaranteed pneumatic tire. Flush joint throughout. FRAME—22 or 24 in. with 1 1/2 in. finest flush tubing, strongest, handiest and best arch crown and frame made. HANDLE BARS—Drop or upturned, and best made expander on seat post, 24 in. Mason Wheels, highest grade made, 3 piece flat cranks, best made. BEARINGS, CONES, KITS and SPROCKETS highest possible grade, from tool steel. FULL BALL BEARINGS throughout with ball retainers; any gear wanted. Best known equipment, ACME Padded Saddle, finest ball bearing pedals, finest chain, heavy leather tool-bag, best wrench, oiler, pump and repair kit. **HIGHEST POSSIBLE FINISH**; enameled green, black or Maroon; bright parts heavily nickel plated. (Sears, Roebuck & Co. are thoroughly reliable.—Editor.)

**A BINDING ONE-YEAR GUARANTEE** goes with every wheel; if it isn't equal to any wheel made, if you don't save \$25.00, don't take it.

**\$8.25, \$11.75, \$16.95 and \$18.75** is our price for lower grades, all new 1899 Models. No old models, no second-hand wheels. For full particulars write for FREE BICYCLE CATALOGUE.

Address, **SEARS, ROEBUCK & CO. (Inc.) CHICAGO, ILL., U.S.A.**

## ..SEND ONE DOLLAR..

Cut this ad. out and send to us and we will send you this **NEW BIG RANGE** by freight, C. O. D., subject to examination. You can examine it at your freight depot, and if found perfectly satisfactory, exactly as represented, the greatest value you ever saw or heard of and equal to ranges others sell as high as \$30.00 and \$40.00, pay the freight agent OUR SPECIAL OFFER PRICE, \$18.95 and freight charges. THE STOVE WEIGHS 440 POUNDS and the freight will average: 100 miles, \$5 to \$6; 200 miles, \$6 to \$7; 300 miles, \$7 to \$8; 400 miles, \$8 to \$9; 500 miles, \$9 to \$10; greater distances in proportion. **THIS STOVE IS MADE FOR US UNDER CONTRACT**

by 25 practical stove makers who recently joined together and opened a foundry, we taking every stove they make. Every man working on these stoves is a high-class mechanic, interested in the foundry and the work, and, as a result, turns out the best made, handiest and most durable range on the market. **FOR SPOT CASH** we take every stove these 25 men make, we get them at the lowest price ever known for such a stove, and **\$18.95 PRICE** is actual cost to us, without our one small profit added.

**THE BIG RANGE** is very latest 1899 style, made from Canadian stove pig iron, is No. 8 size, 6-hole; has square oven, 19x19 inches. **BURNS ANYTHING** hard coal, soft coal or wood. WE FURNISH FREE an extra wood grate. One of the handsomest ranges made, has extra high ornamented shelf, has extra large, deep enameled reservoir large flues, cut top, extra heavy lids and centers. sectional fire back, cemented top oven plate, beautiful nickel finish, large nickel plated panel ornamentations on oven door, reservoir extension and stove door and back shelf, nickel tea shelves, nickel towel rod, hand burnished edges. Range stands on handsomely ornamented base and is in every way as complete and perfect a range as it is possible to build. **WE ISSUE A BINDING GUARANTEE** with every range. We guarantee it to reach you in perfect order and we can furnish any repairs wanted in the years to come. **500 WILL BE SOLD AT \$18.95.** You will save \$15.00. ORDER AT ONCE; don't delay. Write for FREE Stove Catalogue.

Address, **SEARS, ROEBUCK & CO. (Inc.), Chicago, Ill.**

## SEND NO MONEY

**WITH YOUR ORDER**, cut this ad. out and send to us, and we will send you our **HIGH GRADE DROP CABINET BURDICK SEWING MACHINE** by freight C. O. D., subject to exam. You can examine it at your nearest freight depot and if found perfectly satisfactory, exactly as represented, equal to machines others sell as high as \$60.00, and THE GREATEST BARGAIN YOU EVER HEARD OF, pay your freight agent Our Special Offer Price \$15.50 and freight charges. The machine weighs 130 pounds and the freight will average 75 cents for each 500 miles.

**GIVE IT THREE MONTHS' TRIAL** in your own home, and we will return your \$15.50 any day you are not satisfied. We sell different makes and grades of Sewing Machines at \$8.50, \$10.00, \$11.00, \$12.00 and up, all fully described in our Free Sewing Machine Catalogue, but \$15.50 for this **DROP DESK CABINET BURDICK** is the greatest value ever offered by any house.

**BEWARE OF IMITATIONS** by unknown concerns who copy our ad- vertisements, offering unknown machines under various names, with various inducements. Write some friend in Chicago and learn who are RELIABLE AND WHO ARE NOT.

**THE BURDICK** has every MODERN IMPROVEMENT. EVERY GOOD POINT OF EVERY HIGH GRADE MACHINE MADE WITH THE DEFECTS OF NONE. MADE BY THE BEST MAKER IN AMERICA. FROM THE BEST MATERIAL.

**MONEY SOLID QUARTER SAWED OAK DROP DESK CABINET.** PIANO POLISHED, one illustration shows machine closed, (head dropping from right) to be used as a center table, stand or desk, the other open with full length table and head in place for sewing; 4 fancy drawers, latest 1899 skeleton frame, carved, paneled, embossed and decorated cabinet finish, finest nickel drawer pulls, rests on 4 casters, ball bearing adjustable treadle, genuine Smyth iron stand.

Finest large High Arm head, positive four motion feed, self threading vibrating shuttle, automatic bobbin winder, adjustable bearings, patent tension liberator, improved loose wheel, adjustable presser foot, improved shuttle carrier, patent needle bar, patent dress guard, head is handsomely decorated and ornamented and beautifully NICKEL TRIMMED.

**GUARANTEED** the lightest running, most durable and nearest noiseless machine made. Every known attachment is furnished and our Free Instruction Book tells just how anyone can run it and do either plain or any kind of fancy work. **A 20-YEARS' BINDING GUARANTEE** is sent with every machine. **IT COSTS YOU NOTHING** to see and examine this machine, compare it with those your storekeeper sells at \$40.00 to \$60.00, and then if convinced you are saving \$25.00 to \$40.00, pay your freight agent the \$15.50. WE TO RETURN YOUR \$15.50 if at any time within three months you say you are not satisfied. ORDER TO DAY. DON'T DELAY. (Sears, Roebuck & Co. are thoroughly reliable.—Editor.)

Address, **SEARS, ROEBUCK & CO. (Inc.) Chicago, Ill.**



## SEND ONE DOLLAR

Cut this ad. out and send to us and we will send you this **buggy** by freight C. O. D., subject to examination. You can examine it at your freight depot and if found perfectly satisfactory, exactly as represented and the greatest bargain you ever saw or heard of pay the freight agent OUR SPECIAL OFFER PRICE, \$19.95, and freight charges, less the \$1.00 you send with order. We will ship the buggy from Chicago, New York, St. Louis or Indianapolis, the point nearest you, and the freight will average about \$2.50 for 500 miles from either point. **THIS OPEN BUGGY** is latest 1899 style, end spring, as illustrated, or side bar spring. Narrow or wide track. Body is Corning style, 23 inches wide, 50 inches long, made from selected seasoned stock, corners rounded and mitered; sills mortised, screwed, glued and plugged. Springs, highest grade stock, double refined oil tempered. Gear, made from second growth hickory. Coleman 8 1/2 wheel 15-16 inch double collar. Swaged Denton crystal steel axle; double reach ironed full length, bolted and braced throughout. Wheels, No. 1 grade Sarven's patent, made from selected second growth hickory. Painting, body highly finished and painted black with neat striping; gear, dark brewster green or carmine. Trimming, upholstered in Ullman leather, patent leather dash; toe carpet, whip socket, anti-rattlers and shafts. Extra for pole in place of shafts, \$1.60. 200 will be sold at \$19.95. Order at once. Don't delay. We will save you \$10.00 to \$20.00. For Buggies at \$16.50 and up, and Top Buggies at \$20.00 and up, send back from our own factory at \$5.00, sent anywhere to examine, write for Free Buggy Catalogue.

**SEARS, ROEBUCK & CO. (Inc.) Chicago, Ills.**

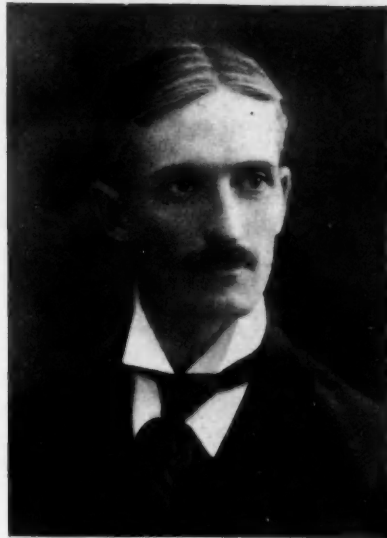


## Duties and Rights of Boards of Education.

(Continued from page 13.)

assumption invariably militates against efficiency. There is a duty, as well as a right, it seems to me, that should have more thought, namely, that in reference to the period of employment—tenure of office, if you please, of teacher and superintendent. I believe that in most cases—certainly in the independent districts—there is no fixed time or service. It has, however, been construed to be annual. Boards employ their teachers and superintendents annually, although in some cases I know that they had a right to extend the period. If such is the case, it seems to me the duty to so construe the provisions that a longer tenure of office will be the result is not only wise, but almost imperative. Where a definite number of years is fixed, as in the laws governing special districts, this cannot so easily be done. With greater security—that is, with a longer tenure of office—there naturally exists a greater willingness. The boards, therefore, should consider regulations looking to this end, establishing, perhaps, a probationary period, during which period the work of each is carefully scrutinized, and, if satisfactory, a longer tenure should follow. I can see no objection to the applicant of the civil service rules. The little misunderstandings or wrong interpretations would not so frequently arise; there would not be that warping of judgment; those innumerable dissensions which result in division; the pros and cons—certainly with no very satisfactory outcome to the educational world can this tenure of office of an annual nature ever become.

The duties thus enumerated seem to me to cover, generally speaking, all that ought to be expected of boards of education. On their part they have rights that should be respected by the public. Whenever a member acts up to his best judgment, that member's action should not be belittled; but when he seems to be moved with a deliberate purpose of accomplishing some petty end, conceived in hatred and inspired by jealousy, he must be branded as unfit and unworthy of so responsible a position. As was said of the retiring president of the board of education in one of our large cities, we may say here. The office is one of grave and far-reaching responsibility; more important, almost, than any other, because it has in its scope the training of the future citizen; and any man who inspires to membership in such a body must be broad-gauged and positive, actuated in the discharge of his duties by no sinister motive, but look honestly and faithfully to the welfare of the community in the discharge of this important trust. With men of such character in control of the educational ship, the rocks and breakers of discord, strife and incompetency, are avoided, and the child is carried forward to the port of progressive American citizenship.



GEO. K. HAWKINS, A. M.  
Principal State Normal School, Plattsburgh, N. Y.

### Among Superintendents.

Duluth, Minn. The board of education has decided to combine the positions of superintendent of schools and principal of the high school.

Portland, Me. The superintendent's official hours are daily from 8 to 8:30 A. M., 12:30 to 1 P. M., and 5 to 5:30.

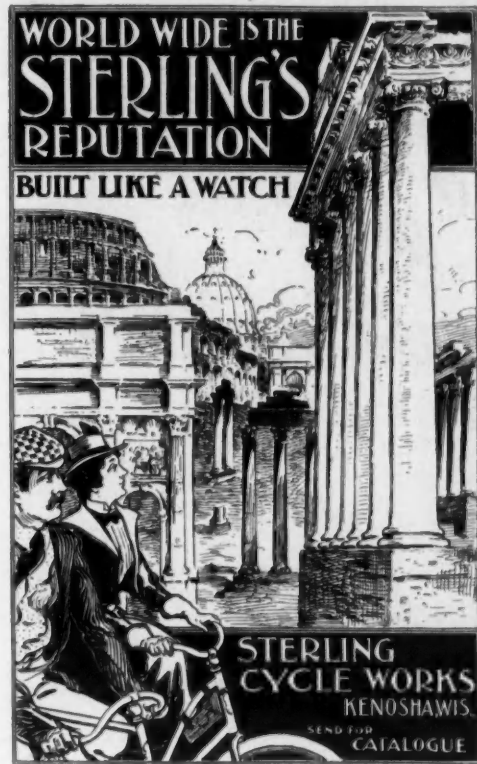
Chicago, Ill. Supt. E. Benjamin Andrews refers to one of the defects in the school system of Chicago in his report, as follows: "My position here is merely a big clerkship, with nothing to do except to receive and answer letters. The law should be so framed that if there are insufficient teachers in our schools the public may say to the superintendent or responsible head, 'Here, you are to blame for this; you are an incompetent superintendent.' As it is, no one can be burdened with the responsibility. I should get rid of about 5 per cent. of the teachers in the schools at present, on the ground of incompetency. That would arouse the unprogressive and probably the mediocre teachers to greater efficiency. At present I cannot remove a teacher for incompetency, except by presenting written charges. At present there is every incentive for the superintendent to enjoy an easy time, to do as little as possible, and to let matters take their own course. That is not as it should be. Unless there is a distinct responsibility somewhere for the admission of inefficient teachers, there will be a defect in the system."

Memphis, Tenn. A bill before the legislature provides that the school superintendent of this city shall be elected by the people.

Chicago, Ill. Supt. E. B. Andrews, in a recent address on manual training, said: "You

may be surprised to learn that I was once a blacksmith, and that I once shod a horse. And, moreover, I shod him so well that his proprietor, a peddler, never came back to sue me for damages."

Newark, N. J. There is much agitation going on as to a change of system in the school governing board. The turnverein has resolved in favor of the election of school commissioners by the people and that the election be held on Washington's birthday.



### Among Boards of Education.

Dr. Andrew S. Draper, president of the University of Illinois, suggests the following changes in school administration to correct defects which he sums up in the one word—"politics":

That the board of education be vested solely with the powers of legislation.

That the management of the business interests be left to business men and of educational interests to educators.

That the full executive power be vested in one man, and that one man should be responsible for all the faults of his administration.

That favoritism be eliminated from the appointment of teachers; that advancement will be on the ground of merit.

W. F. Edwards, in an article on "Grave Evils in Our Public School System," states that the most potent factors that are working against the public schools are partisan politics, church influences, personal friendship, and the influence of the agents of book companies.

Boston, Mass. President Elliott of Harvard says: "The functions of boards of education should be legislative in the main, and executive only in the sense that it selects experts for the conduct of the different branches of its business, and holds them responsible strictly to it."

Boston, Mass. By the introduction of bathing appliances in the newest public school buildings it has been found necessary to appoint a matron for the apartments used by the girls.

A teacher in the schools in New York City was brought before the school committee of the board of education on the charge of being unable to spell.

J. M. Olcott & Co. have received the large contract from the school text book commission of the state of Kansas for a term of five years for apparatus and supplies. The largest contract of this kind ever made.

Take advantage of the Katy Flyer—a new fast train on the Missouri, Kansas & Texas railway from Chicago, St. Louis and Kansas City to Texas and intermediate points. For further information address H. A. Cherrier, 316 Marquette building, Chicago.

La Crosse, Wis. An 8-room school will be built this summer.

Superior, Wis. An addition is to be made to the Jas. G. Blaine school.

Stewartville, Minn. A new \$15,000 school.

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## Election of Superintendents.

Addison, Vt. Ermina A. Trimble  
Gorham, Me. Willard W. Woodman.  
Porter, Me. F. A. Fox.  
Denmark, Me. Charles O. Pendexter.  
Greenwood, Me. Geo. W. Richardson.  
Hiram, Me. Frank J. Martin.  
Brownfield, Me. Frank L. Marston.  
Grundy Center, Ia. J. E. Stout.  
Freeport, Me. E. C. Townsend.  
North Des Moines, Ia. F. A. Lacy, re-elected, with an increase of salary from \$1,000 to \$1,500.  
Holyoke, Mass. L. P. Nash.  
Spokane, Wash. J. F. Saylor, of Lincoln, Neb., \$2,500 a year.  
Cosco, Me. L. W. Helden.  
Verona, Me. A. E. Webster.  
Liberty, Me. C. R. Nelson.  
Skowhegan, Me. Dr. W. T. Merrill.  
Litchfield, Me. M. H. Dustin.  
Vinalhaven, Me. W. H. Clarke.  
Standish, Me. Fred Marian.  
Rupert, Vt. George S. Hibbard.  
Etna, Me. Miss Viola E. Sylvester.  
Cornville, Me. L. L. Smith.  
Fairfield, Me. F. E. McFadden.  
Harpwell, Me. Dr. Geo. S. Littlefield.  
Farmingdale, Me. C. E. Manson.

Oxford, Me. P. C. French.  
Andover, Me. A. S. Jordan.  
Georgetown, Me. B. F. Hinckley.  
Brunswick, Me. F. C. Robinson.  
Mount Desert, Me. George A. Somes.  
Montville, Me. James J. Clement.  
Peru, Me. F. B. Nelson.  
Portland, Me. Supt. Lord re-elected.  
Weeping Water, Neb. Prof. Rouse, \$100 per month.

Owatonna, Minn. P. J. Kuntz.  
Williamsburg, Ia. A. T. Hukill.  
Connersville, Ind. W. S. Rowe.  
Shenandoah, Ia. G. W. Fisher, \$1,200.  
Kenosha, Wis. G. R. McDowell.  
Burlington, Vt. H. O. Wheeler.  
Brooklyn, Ia. Eugene Henely.  
Indianapolis, Ind. D. K. Goss.  
Topeka, Kan. W. M. Davidson.  
Newburgh, N. Y. Dr. R. V. K. Montfort.  
Scarboro, Me. Fred E. Moulton.  
Cornish, Me. Howard Brackett.  
Worcester, Mass. Clarence F. Carroll.  
Wichita, Kan. Prof. Dyer.  
Abilene, Kan. J. H. Niesley, \$100 per month.

Bay City, Mich. F. W. Lankenaw.  
Lawrence, Kan. Prof. Smith.  
Birmingham, Ala. J. H. Phillips.  
West Des Moines, Ia. S. H. Sheakley, \$2,250.  
Columbus, O. J. A. Shawan, \$3,000.  
Homestead, Pa. J. C. Kendall, \$1,800.  
Newark, N. J. Charles B. Gilbert.  
Ft. Worth, Tex. M. G. Bates.  
Tipton, Ia. R. B. Crane.  
Chillicothe, O. Dr. N. H. Chaney.  
Pawtucket, R. I. Henry D. Hervey, \$2,500.  
East Providence, R. I. George N. Bliss, \$800.  
Cincinnati, O. W. H. Morgan.  
Moorhead, Minn. E. J. Bonner, \$1,200.  
New Haven, Conn. Calvin N. Kendall, \$3,800.  
Shelby, O. W. S. Lynch, \$1,400.  
Westerville, O. J. W. Jones.  
Brockfield, Mo. J. W. White.  
Monroeville, O. A. C. Burrell, \$1,100.  
Lincoln, Neb. C. H. Gordon.  
Marceline, Mo. S. B. Payne.

J. M. Olcott & Co. have received a large contract from the commissioner of Indian affairs for reading charts, wall maps, crayons, thermometers and liquid slating.

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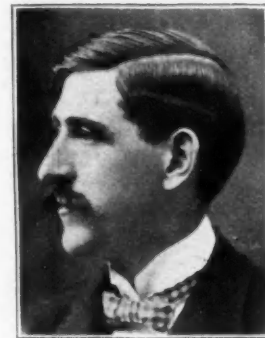
SEND 50c and we will ship by express, subject to examination, our \$15.00 Yale 4x5 Cycle Camera, with sole leather case and shoulder strap. If you want it, pay the express agent the balance, \$6.95 and express charges. Camera is made of polished mahogany, nickel plated trimmings, covered with extra grade of grain leather. Automatic lens, bulb release, heavy bellows, adjustable view finder, tripod sockets, one double plate holder free. Write to-day for free catalogue quoting lowest prices on cameras and supplies, and booklet, "PICTURE MAKING."  
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Am. Book Co., Auburn, Me.

book campaign in the state of Maine, when he handled the western counties of the state for the American Book Co. At the close of this contest he returned to college (Bates) and completed his course in 1892. He was engaged in teaching and superintending from graduation until 1895, when he again entered the service of the American Book Co., with the western counties of Maine for his territory. The following year a third of the state was placed under his care, and in 1897 he was given charge of the state, and from that time he has made it his special endeavor to convince the good people of the Pine Tree state that advancement along educational lines could best be promoted by a generous and continued patronage of the books he represented.

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■ College Maids' Three-Minute Readings. \$1.00.  
■ Pieces for Prize-Speaking Contests. \$1.00.  
■ Acme Declamation Book. Paper, 30c. Cloth, 50c.  
■ Handy Pieces to Speak. 108 on separate cards. 50c.  
■ List of "Contents" of any or all of above free on request if you mention this ad.  
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■ 4-5-13-14 Cooper Institute N. Y. City  
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### A Labor Union's Request.

Cleveland, O. A labor union sent a communication to the school council asking that body to use its influence to prevent contractors who are erecting or repairing school buildings in Cleveland, from employing outside labor. The union declares that in the past a large proportion of the work on school buildings has been done by labor from outside the city, because it could be obtained at cheaper rates by contractors. The only power the council has is to award the contracts to the lowest responsible bidders. In order to use its moral influence, however, the following resolution was adopted: "Resolved, That it is the sense of the board of education of the city district of the city of Cleveland, that only bona fide residents of the district be employed by contractors in the erection and repairs of the school buildings of the city."

### School Supplies.

For nearly thirty-five years Mr. Holden, the well-known patent book cover man, has been engaged in manufacturing many different articles used in the schools all over the United States. In 1862, when quite a young man, he founded what is now the Sanford ink factory, though at that time it was called "Holden's Ink." In 1864 he entered the firm of Payne, Holden & Co. at Dayton, O., which for years had a business the largest of any concern west of the Alleghenies with the single exception of three Chicago houses. In 1869 he patented his first book cover, which had such a very extended sale all over the United States that there are thousands of teachers today who used them when they attended school. He has patented several articles which have been largely used in school rooms, besides being the first one in the West to manufacture paper pads and school exercise books. He also owned the patent for the first noiseless slate, having a slate factory at Slatington, Pa., in connection with his book business in Ohio. He is so well known to many of the prominent educators of the United States that his face is very familiar to many of our readers. Up to the present time, there have been about twenty millions of his book covers used in this country, and it has been very remarkable what success has crowned his efforts in the "Holden System for Preserving Books."

Board of Education, Borough of Brooklyn, City of New York, adopted Peckham, Little & Co.'s Gem Spelling Blanks for use in the schools of that Borough. Several large orders have been received. The blanks are already in use in the Boroughs of Manhattan and Bronx.

D. A. Lambright, superintendent of schools, Kendallville, Ind., says: "A place for everything that has no place is the purpose of the waste poke. We all know that the pupils are much in need of such a convenience. It is an excellent idea lately patented."

Wausau, Wis. Supplies purchased from Thomas Charles Co.

Buffalo, N. Y. The mayor has vetoed the

board of education's award of the school desk contract to Randolph McNutt.

Rutherford, N. J. School supplies purchased from Peckham, Little & Co.

York, Pa. A supply of book covers purchased from the Holden Patent Book Cover Co.

Galesburg, Ill. Drawing material procured from the Prang Educational Co.

Maquoketa, Ia. A gross of ink wells purchased from Atkinson & Mentzer.

Chicago, Ill. To Thomas Kane & Co. was awarded the Prescott school blackboard contract. A large quantity of kindergarten material has been purchased from Thos. Charles Co.

Grand Rapids, Mich. School supplies purchased from the School and Office Supply Co.

Chester, Pa. The new system introduced regulating the supplies and their purchase provides that each year the superintendent shall make an estimate of the supplies needed for the term, these shall be stored at a suitable place and be subject to requisition of the principals of the schools, but not to be disbursed except upon regularly endorsed orders. If the requisition cannot be filled from the stock on hand, then the requisition is to be forwarded to the chairman of the proper committee and must receive its endorsement and the endorsement of the superintendent, when the purchase can be made.

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Moses.	Oxen Going to Work.	St. Anthony of Padua.	Hamlet.	Shakespeare.
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Madonna of the Chair.	A Stampede.	Sheep.	Prophets.	Longfellow.
Madonna Granduca.	Physics. Public Library, Boston.	Queen Louise.	Prophets. Amos Panel.	Emerson.
Madonna of the Harpies.	Epic Poetry. Public Library, Boston.	Head of Christ.	Can't you talk?	Irving.
Apollo and the Muses.	The Gleaner.	The Good Shepherd.	St. Cecilia.	
Descent from the Cross.	Automedon with the Horses of Achilles.	An Imperial Courier.	John.	
Beatrice Cenci.	(Museum of Fine Arts, Boston.)	The Lion's Bride.	Hermes. Bust.	
Marine View.	A Helping Hand.	Penelope Boothby.	Victory of Samothrace.	
Christ Child.	Escaped Cow.	The Old Temeraire.	Mars and Cupid.	
Youth Playing Bagpipe.	Madonna and Child.	Highland Shepherd's Chief Mourner.	Discobolus of Myron.	
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## Text-Book News.

Cheyenne, Wyo. Free text books are to be supplied to pupils hereafter.

Chelsea, Mass. Copies of Fisher's Outlines of Mediaeval History and Stories of the Old Bay State ordered purchased.

Marshalltown, Ia. It has been decided by a vote of the people to try the experiment of free school books.

There is pending in the New York legislature a measure which provides that on and after the first of next July the board of education of New York City shall burn all school books which have been in use for six months in the public schools, and at semi-annual periods thereafter destroy all books that have been continuously in use the preceding half year.

Tiffin, O. The text books used are purchased by the board of education and are furnished to the scholars free. The cost thus incurred for the first year was \$1,731.11; second year, \$876; third year, \$483.25; fourth year, \$444.74. This year the cost will average not over \$250.

Detroit, Mich. The board of education is opposed to a state uniform text book bill.

Seudder's Physiology, published by J. B. Lipincott, adopted exclusively in Virginia.

Cohoes, N. Y. The following proposition has been submitted to the board by the King-Richardson Co.: "For the purpose of having your board adopt the American music system, published by us, in place of the system now in use, we beg to submit the following proposition: We agree to furnish you what music charts you may need at a uniform price of \$9.90 each, including easel and manual for the use of the teachers. We also agree to furnish the books at the following prices: No. 1, 35c; No. 2, 45c; No. 3, 50c; No. 4, 75c; American song book, 75c. We also agree to exchange the books you may now have, in whatever condition, for our own books, allowing 60 per cent. of the cost of your books to apply on the cost of ours. The

exchange prices will therefore be, for book No. 1, 14c; No. 2, 18c; No. 3, 20c; No. 4, 38c. We further agree to furnish, free of charge, to your city, a competent music teacher to organize the work, instruct your teachers in the use of the system, and supervise their work for the balance of the school year, to-wit: from Feb. 1, 1899, to July 1, 1899. In our judgment, the schools should be equipped with twenty-seven charts."

The above was adopted, in full, by the board, who have thus offered the scholars of this city an excellent opportunity to obtain a good musical education.

Topeka, Kan. The state text book commission has decided upon the list of high school books. The list of books, the authors, and the successful bidders follows: Geometry (Wentworth), Ginn & Co.; Latin grammar (Bennett), Allyn & Bacon; Latin exercises (Bellum Helveticum), Scott, Foresman & Co.; Caesar (Lowe and Ewing), Scott, Foresman & Co.; Cicero (Johnston), Scott, Foresman & Co.; Virgil (Comstock), Allyn & Bacon; German exercises (Joynes), Heath & Co.; History of Kansas (Noble Prentiss), E. P. Greer; English history (Anderson), Maynard, Merrill & Co.; botany (Coulter), Appleton & Co.; chemistry (Shepherd), Heath & Co.; geology (Heilprin), Silver, Burdett & Co.; English and American literature (Painter), Sibley & Ducker; word analysis (Kellogg and Reed), Maynard, Merrill & Co.

Louisville, Ky. Prof. J. W. Williams, of this city, has designed a copy book which has been adopted by the school board and will be put in use in the schools, beginning next September.

Topeka, Kan. The state text book commission made awards of the contracts for school books, charts, globes and maps to Scott, Foresman & Co., Allyn & Bacon, D. C. Heath & Co., Rand, McNally & Co., Eaton & Co., Ginn & Co.

Boise City, Idaho. The state text book commission has adopted McMasters' history and the Natural geography.

Providence, R. I. The board of education is considering the abolishment of the free text book system. The main reason is economy; another is the disease germ menace; a third is that those parents unable to buy the books are a very small fraction of the whole number; and a fourth is that the families of the city that have the fewest books in their homes now do not have even school books. Children could formerly turn to these to give them information or refresh their knowledge of what had been learned in school, but now they have nothing. This is the first organized movement against an established free book system.

## New Adoptions.

The Normal Relief Maps, published by Eaton & Co., Chicago, were adopted by the state of Kansas for a period of five years.

The American Music Training School will open its fifth summer session at Marblehead, Mass., July 11, and continue until July 28. The school will be under the direction of Prof. Frederick Zuchtman. Inquiries should be addressed to A. W. Richardson, Springfield, Mass.

Portland, Me. Normal music system.

Plainfield, N. J. Speer method of teaching arithmetic.

San Francisco, Cal. Remsen & Randall's chemical experiments.

Newark, N. J. Supt. Gilbert, in his annual report, says the way to secure an improved teaching force is first to inspire and encourage teachers, and, second, to guard well the entrance into the corps. He proposes a readjustment of salaries in favor of those who exhibit scholarship and skill in conducting school, and suggests that no girl be sent from the high school to the normal school unless she shows an aptitude for teaching.

The New School of Methods will be in session at Hingham, Mass., Aug. 8 to 18; Chicago, July 24 to Aug. 4.

**\$4.95  
SUIT.**



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cut this ad out and send to us, say **COLOR WANTED**, state your Height, Weight, Number Inches Around Body at Bust, at Waist and Length of Skirt from Waist to bottom in front, and we will send you **THIS FINE TAILOR MADE SUIT** by express C.O.D. subject to examination, you can examine it at your express office and if found perfectly satisfactory, Exactly as Represented, A PERFECT FIT, such a stylish dress as you could not get in your town, and **WORTH TWICE AS MUCH** as suits advertised by others at about our price, pay your express agent **OUR SPECIAL OFFER PRICE, \$4.95** and express charges.

**THIS SUIT** is made from a **GENUINE HEISLER ENGLISH WOOL REPELLENT** Navy Blue or Brown, cut in the latest style for 1900 by **EXPERT CUTTERS** from a Genuine Tailor Model, fine tailor made throughout. If you don't find this suit has a distinctiveness in **STYLE, FIT, GRACEFUL SHAPE, MATERIAL, WORKMANSHIP** and **FINISH**, not to be had elsewhere, return it at our expense.

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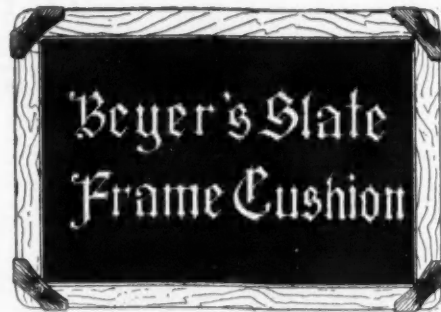
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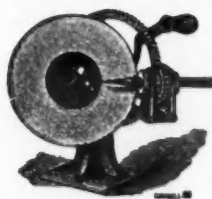
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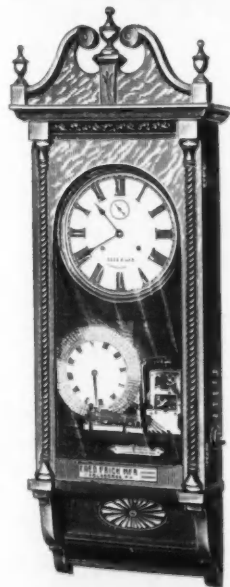
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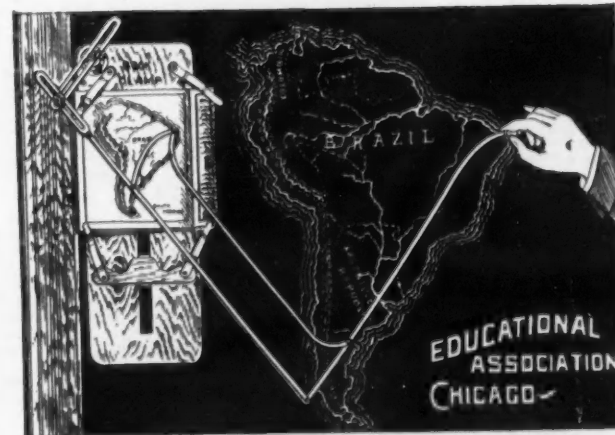


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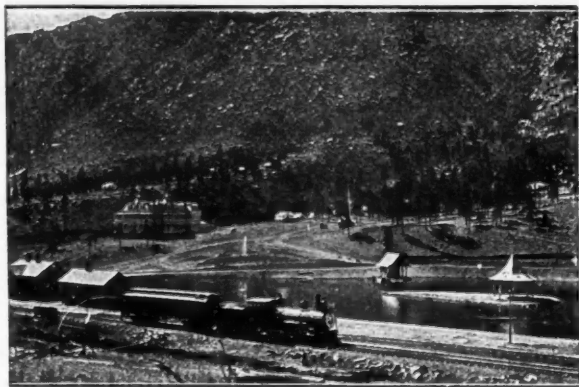
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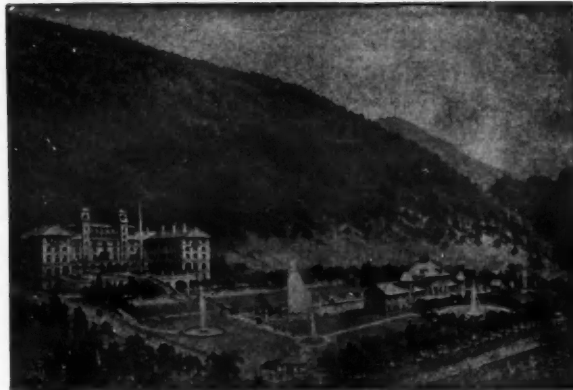
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